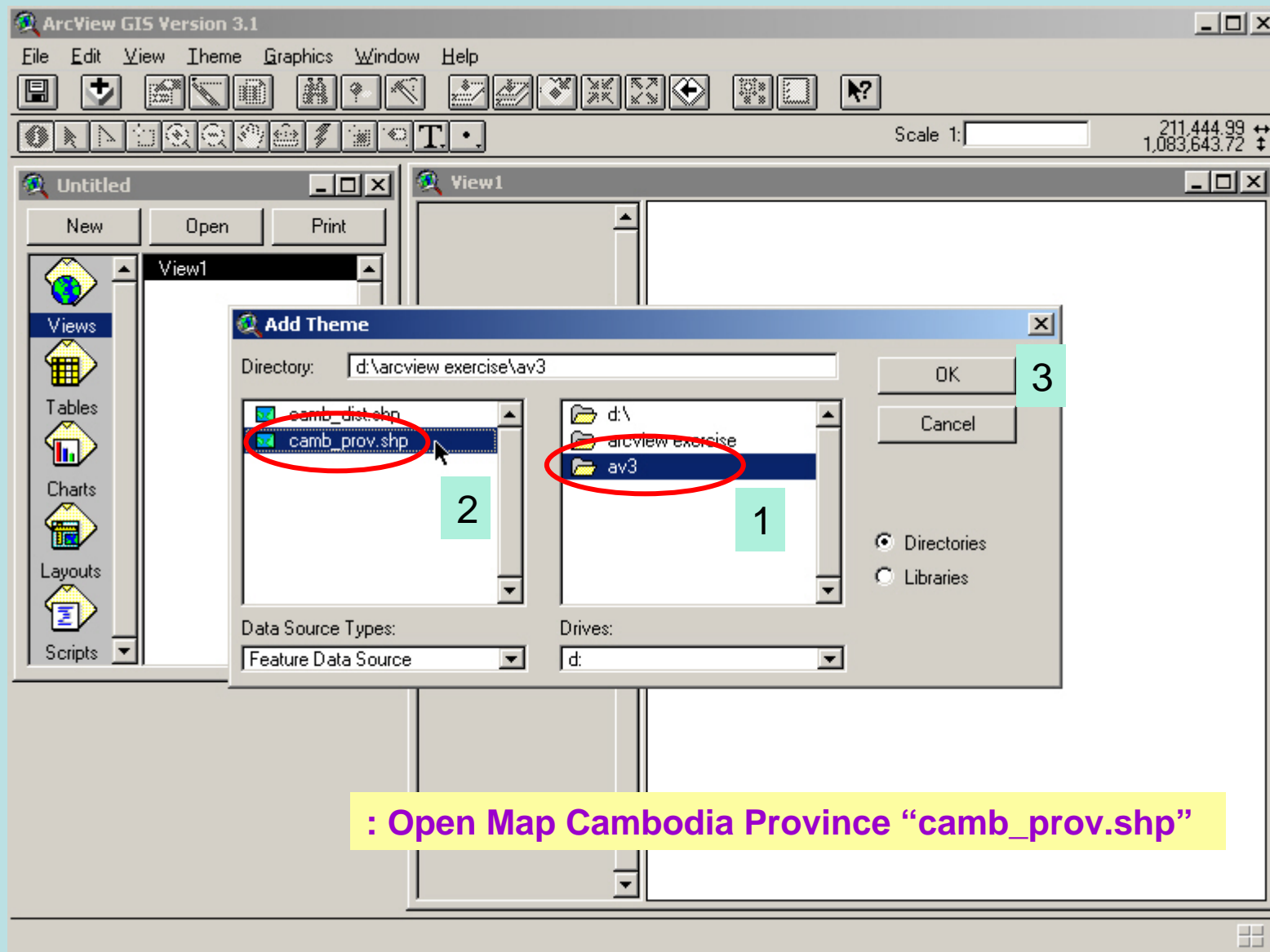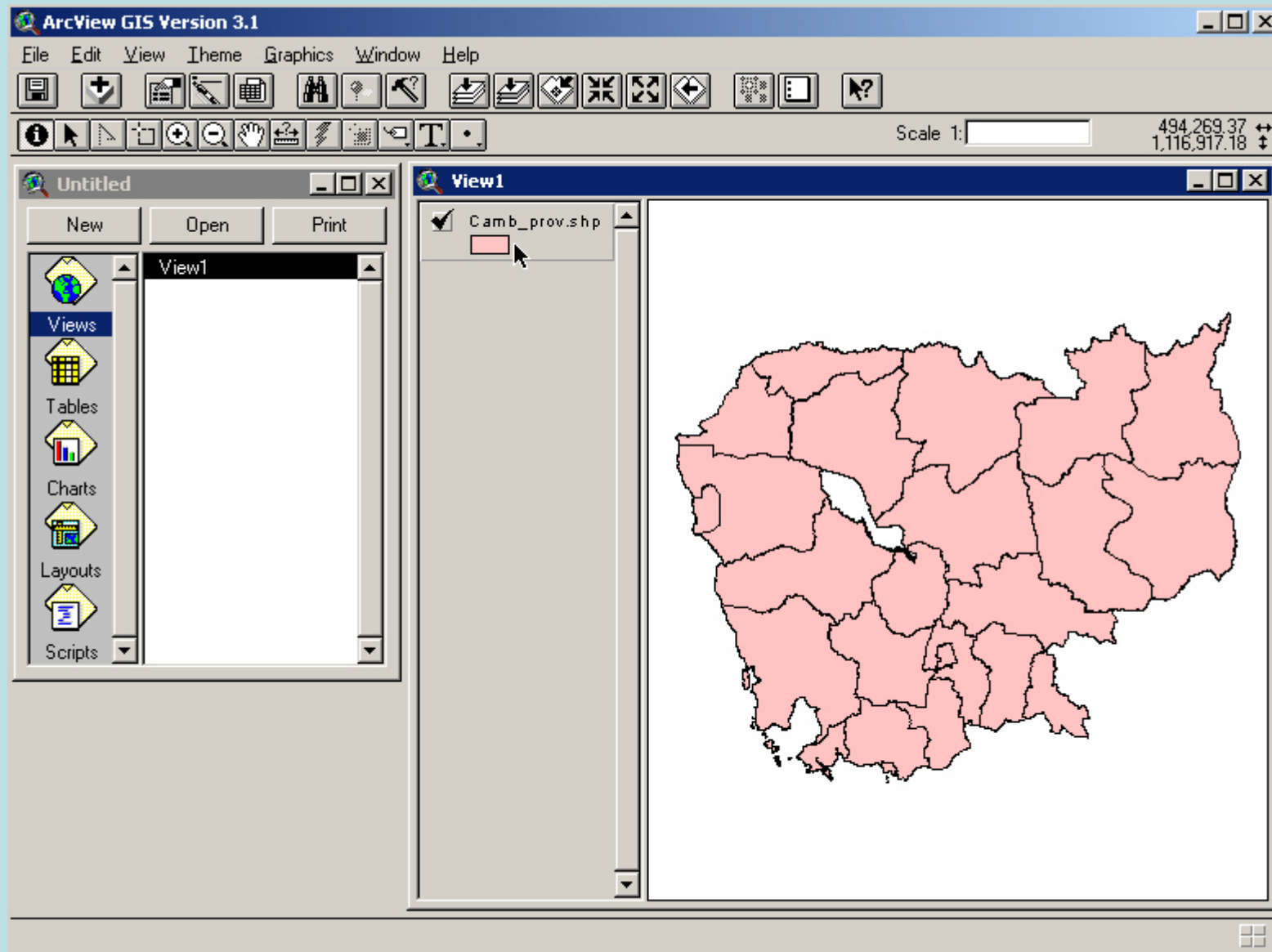**Link Map with database**

Join Database to Map

: **Open Map Cambodia Province "camb_prov.shp"**

Join Database to Map

Join Database to Map

: 1. **Open Excel Program**
: 2. **Open Malaria Cambodia1999.XLS and Camb_prov.DBF**
: 3. **Adjust code and Province name Camb_prov.dbf to Malaria cambodia1999.xls**

1 camb_prov.dbf

	A PROVCODE	B PROVNAME	C
1	PROVCODE	PROVNAME	
2	01	Banteay Mean Chey	
3	02	Bat Dambang	
4	03	Kampong Cham	
5	04	Kampong Chhnang	
6	05	Kampong Spueu	
7	06	Kampong Thum	
8	07	Kampot	
9	08	Kandal	
10	09	Kaoh Kong	
11	10	Kracheh	
12	11	Mondol Kiri	
13	12	Phnom Penh	
14	13	Preah Vihear	
15	14	Prey Veaeng	
16	15	Pousat	
17	16	Rotanak Kiri	
18	17	Siem Reab	
19	18	Krong Preah Sihanouk	
20	19	Stueng Traeng	
21	20	Svay Rieng	
22	21	Takaev	
23	22	Otdar Mean Chey	
24	23	Krong Kaeb	
25	24	Krong Pailin	
26			

camb_prov

2 Malaria cambodia1999.xls

	A	B	C PROVINCE	D Population	E Case	F Pf	G Pv	H Death	I
1			PROVINCE	Population	Case	Pf	Pv	Death	
2			Banteay Meanchy	577,772	1,609	1,410	420	36	
3			Battambang	793,129	4,183	4,123	213	122	
4			Chup(Pailin)	22,906	2,839	2,830	9	25	
5			Kampong Cham	1,608,914	2,877	3,344	193	76	
6			Kampot	528,405	4,576	4,882	272	20	
7			Kandal	1,075,125	319	267	52	3	
8			Kep	28,660	54	50	4	0	
9			Koh Kong	132,106	1,589	1,200	389	30	
10			Kompng Speu	598,882	6,200	6,544	718	28	
11			Kompong Chhnang	417,693	1,708	2,102	109	5	
12			Kompong Thom	569,060	2,104	2,402	295	56	
13			Kratie	263,175	4,214	5,301	235	68	
14			Krong Preag Sihanouk	155,690	327	239	88	17	
15			Mondol Kiri	32,407	978	955	23	11	
16			Oddar Mean Chey	68,279	0	0	0	0	
17			Phnom Penh	999,804	978	912	66	61	
18			Preah Vihear	119,261	4,057	4,067	113	20	
19			Prey Veng	946,042	223	213	10	7	
20			Pursat	360,445	4,574	4,917	279	113	
21			Rattana Kiri	94,243	2,860	2,299	561	28	

Malaria1999

Join Database to Map

: 1. Save Cambodia1999.XLS
: 2. Save As Malaria1999.DBF

camb_prov.dbf

	A	B	C
1	PROVCODE	PROVNAME	
2	01	Banteay Mean Chey	
3	02	Bat Dambang	
4	03	Kampong Cham	
5	04	Kampong Chhnang	
6	05	Kampong Spueu	
7	06	Kampong Thum	
8	07	Kampot	
9	08	Kandal	
10	09	Kaoh Kong	
11	10	Kracheh	
12	11	Mondol Kiri	
13	12	Phnom Penh	
14	13	Preah Vihear	
15	14	Prey Veaeng	
16	15	Pousat	
17	16	Rotanak Kiri	
18	17	Siem Reab	
19	18	Krong Preah Sihanouk	
20	19	Stueng Traeng	
21	20	Svay Rieng	
22	21	Takaev	
23	22	Otdar Mean Chey	
24	23	Krong Kaeb	
25	24	Krong Pailin	
26			

camb_prov

Malaria Cambodia1999.xls

	A PROVCODE	B PROVNAME	C PROVINCE	D Population	E Case	F Pf	G Pv	H Death	I
1	PROVCODE	PROVNAME	PROVINCE	Population	Case	Pf	Pv	Death	
2	01	Banteay Mean Chey	Banteay Meanchy	577,772	1,609	1,410	420	36	
3	02	Bat Dambang	Battambang	793,129	4,183	4,123	213	122	
4	24	Krong Pailin	Chup(Pailin)	22,906	2,839	2,830	9	25	
5	03	Kampong Cham	Kampong Cham	1,608,914	2,877	3,344	193	76	
6	07	Kampot	Kampot	528,405	4,576	4,882	272	20	
7	08	Kandal	Kandal	1,075,125	319	267	52	3	
8	23	Krong Kaeb	Kep	28,660	54	50	4	0	
9	09	Kaoh Kong	Koh Kong	132,106	1,589	1,200	389	30	
10	05	Kampong Spueu	Kompng Speu	598,882	6,200	6,544	718	28	
11	04	Kampong Chhnang	Kompong Chhnang	417,693	1,708	2,102	109	5	
12	06	Kampong Thum	Kompong Thom	569,060	2,104	2,402	295	56	
13	10	Kracheh	Kratie	263,175	4,214	5,301	235	68	
14	18	Krong Preah Sihanouk	Krong Preag Sihanouk	155,690	327	239	88	17	
15	11	Mondol Kiri	Mondol Kiri	32,407	978	955	23	11	
16	22	Otdar Mean Chey	Oddar Mean Chey	68,279	0	0	0	0	
17	12	Phnom Penh	Phnom Penh	999,804	978	912	66	61	
18	13	Preah Vihear	Preah Vihear	119,261	4,057	4,087	113	20	
19	14	Prey Veaeng	Prey Veng	946,042	223	213	10	7	
20	15	Pousat	Pursat	360,445	4,574	4,917	279	113	
21	16	Rotanak Kiri	Rattana Kiri	94,243	2,860	2,299	561	28	

Malaria1999

Join Database to Map

:1. Open Attributes of Camb_prov.shp
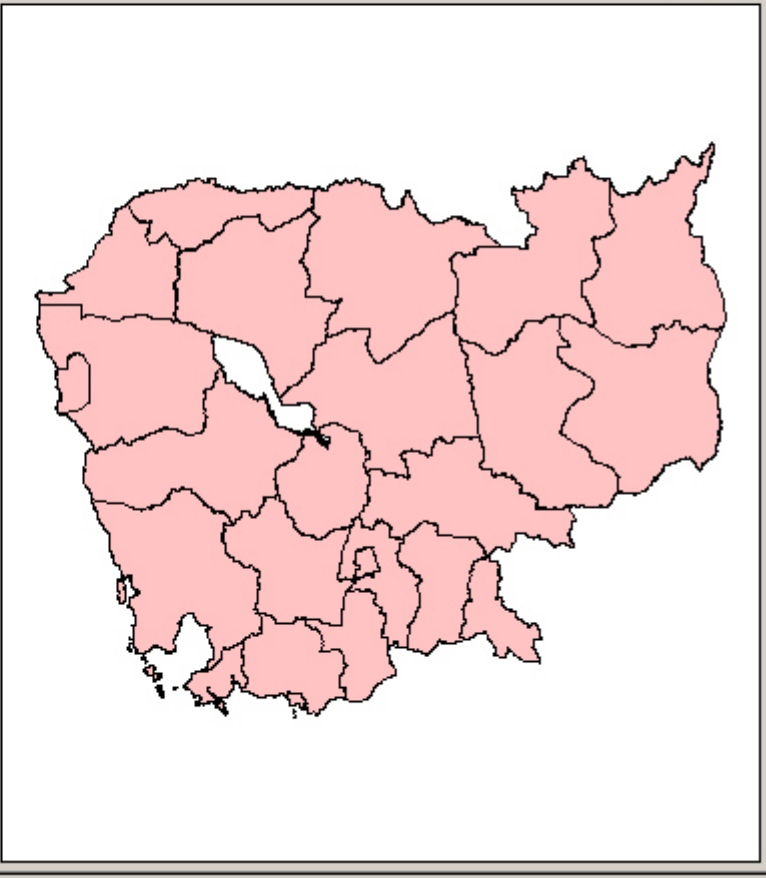
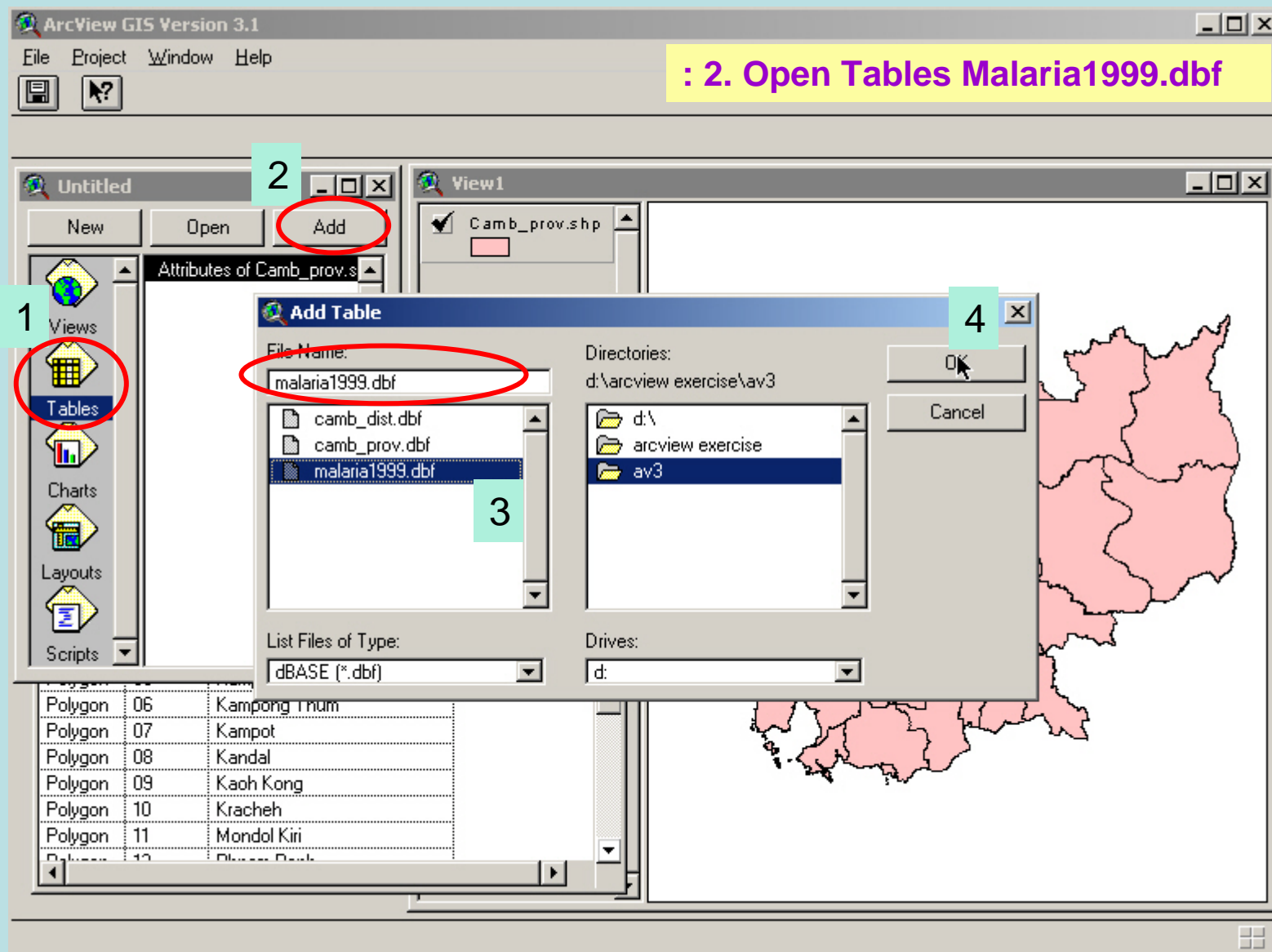Click layer active(1) and click open theme table(2)

Shape	Provcode	Provname
Polygon	01	Banteay Mean Chey
Polygon	02	Bat Dambang
Polygon	03	Kampong Cham
Polygon	04	Kampong Chhnang
Polygon	05	Kampong Spueu
Polygon	06	Kampong Thum
Polygon	07	Kampot
Polygon	08	Kandal
Polygon	09	Kaoh Kong
Polygon	10	Kracheh
Polygon	11	Mondol Kiri

Join Database to Map

: 2. Open Tables Malaria1999.dbf

Gis Unit TropMed Mahidol U.

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Join Database to Map

Join Database to Map

: 4. Active Table Attributes of "Camb_prov.shp" and select "*Provcode*"
: move mouse to Join Icon and click

ArcView GIS Version 3.1

File Edit Table Field Window Help

Table Malaria1999.dbf join into table "Camb_prov.shp"

0 of 24 selected

Untitled

New   Open   Add

Views

Charts

Attributes of Camb_prov.s
malaria1999.dbf

View1

✔ Camb_prov.shp

This part from Malaria1999.dbf

This three fields are shape file data

Attributes of Camb_prov.shp

Shape	Provcode	Provname	Provname	Province	Population	Case
Polygon	01	Banteay Mean Chey	Banteay Mean Chey	Banteay Meanchy	577772	1609
Polygon	02	Bat Dambang	Bat Dambang	Battambang	793129	4183
Polygon	03	Kampong Cham	Kampong Cham	Kampong Cham	1608914	2877
Polygon	04	Kampong Chhnang	Kampong Chhnang	Kompong Chhnang	417693	1708
Polygon	05	Kampong Spueu	Kampong Spueu	Kompng Speu	598882	6200
Polygon	06	Kampong Thum	Kampong Thum	Kompong Thom	569060	2104
Polygon	07	Kampot	Kampot	Kampot	528405	4576
Polygon	08	Kandal	Kandal	Kandal	1075125	319
Polygon	09	Kaoh Kong	Kaoh Kong	Koh Kong	132106	1589
Polygon	10	Kracheh	Kracheh	Kratie	263175	4214