.ped file

FamID	IndID	PatID	MatID	sex	phenotype	rs1	rs2
1	1	1	1	1	0	AA	GG
2	2	2	2	1	1	AG	AA
3	3	3	3	2	0	AA	AA
4	4	4	4	1	0	GG	GA
5	5	5	5	1	1	AG	GA

.map file

chr	SNP	GenDist	BPPos
1	rs1	0	1111
1	rs2	0	2222
1	rs3	0	3333
1	rs4	0	4444

.fam file

FamID	IndID	PatID	MatID	sex	phenotype
1	1	1	1	1	0
2	2	2	2	1	1
3	3	3	3	2	0
4	4	4	4	1	0
5	5	5	5	1	1

.bim file

chr	SNP	GenDist	BPPos	A1	A2
1	rs1	0	1111	A	G
1	rs2	0	2222	G	A
1	rs3	0	3333	T	C
1	rs4	0	4444	C	A

.bed file

```
01101100  00011011  00000001  11001110
00011011  11000111  10110110  11001100
11000111  10001000  10001000  10000110
01010101  10100011  11110000  10000000
```