CLASS VERTEX

AdjacentList<-[10]

value<-0

k

VERTEX(value)

this.value=value

this.k=0

ADDEDGE(v)

AdjacentList[k]=v;

k++

a<-NEW VERTEX

b<-NEW VERTEX

c<-NEW VERTEX

d<-NEW VERTEX

e<-NEW VERTEX

f<-NEW VERTEX

a->ADDEDGE(f);

a-> ADDEDGE (b);

f-> ADDEDGE (a);

b-> ADDEDGE (a);

b-> ADDEDGE (c);

b-> ADDEDGE (d);

c-> ADDEDGE (b);

d-> ADDEDGE (b);

d-> ADDEDGE (e);

e-> ADDEDGE (d);