```
#include<iostream>
using namespace std;
class sort
float m[30];
int i,j,n;
public:
void insert()
 cout<<"ENTER NUMBER OF STUDENTS:"<<endl;
 cin>>n;
 cout<<"ENTER MARKS:"<<endl;</pre>
 for(i=0;i< n;i++)
 cin>>m[i];
 }
void display()
 cout<<"ENTERED MARKS ARE:"<<endl;</pre>
 for(i=0;i< n;i++)
 cout<<m[i]<<endl;
}
void bubble()
 float temp;
 for(i=0;i<n-1;i++)
 for(j=0;j<(n-1)-i;j++)
  if(m[j]>m[j+1])
   temp=m[j];
   m[j]=m[j+1];
   m[j+1]=temp;
  }
cout<<"TOP FIVE:"<<endl;
 for(i=n-1;i>=(n-5);i--)
 {
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cout<<m[i]<<endl;
}
}
void selection()
 int min;
 float temp;
 for(i=0;i<(n-1);i++)
 {
 min=i;
 for(j=i+1;j< n;j++)
  if(m[j] < m[min])
  min=j;
  temp=m[i];
  m[i]=m[min];
  m[min]=temp;
 cout<<"TOP FIVE:"<<endl;
 for(i=n-1;i>=(n-5);i--)
 cout<<m[i]<<endl;
};
int main()
{
sort s;
int ch,x;
cout<<"LIST OF TOP FIVE STUDENTS:"<<endl;
do
{
cout<<"1.CREATE \n2.DISPLAY\n3.TOP FIVE BY BUBBLE SORT\n4.TOP FIVE BY
INSERTION SORT\nENTER CHOICE:"<<endl;
 cin>>ch;
 switch(ch)
 {
 case 1:
 s.insert();
```

```
break;
 case 2:
 s.display();
 break;
 case 3:
 s.bubble();
 break;
 case 4:
 s.selection();
 break;
 default:
 cout<<"INVALID CHOICE!"<<endl;
 cout<<"DO YOU WANT TO CONTINUE? 1.YES 2.NO"<<endl;
 cin>>x;
}while(x==1);
return 0;
}
```