PRN: 2020BTEIT00041

Virtual Base Class:

CODE:

```
#include<bits/stdc++.h>
using namespace std;
    string name;
void get name();
void put_name();
void get_number();
void put_number();
void student::get_name()
    string s;
cout<<"Enter the name of the student: "<<endl;</pre>
     name = s;
     cout<<"Name of the student: "<<name<<endl;</pre>
void student::get_number()
       int r;
cout<<"Enter the roll no. of the student: "<<endl;</pre>
  void student::put_number()
       cout<<"Roll no. of the student: "<<roll<<endl;</pre>
       void get_marks();
void put_marks();
  void test::get_marks()
      cout<<"Enter the Marks of the student: "<<endl;
cout<<"T1: ";</pre>
       cout<<"T2: ";
void test::put_marks()
```

```
cout<<"The marks of the student in T1 are : "<<t1<<endl;
cout<<"The marks of the student in T2 are : "<<t2<<endl;</pre>
int score;
void get_score();
void put_score();
void sports::get_score()
     int s;
cout<<"Enter the Score of the student in sports: "<<endl;</pre>
     cout<<"The Score of the student in sports is : "<<score<<endl;</pre>
     int total;
void getEverything();
     void display();
void result::getEverything()
{
    get_name();
     get_number();
get_marks();
     get_score();
     put_name();
     put_number();
     put marks();
put_score();
cout<<"The Total of marks and score : "<<(t1+t2+score)<<endl;</pre>
     cout<<"-----\n";
cout="----\n";
int main()
     s1.getEverything();
     s1.display();
```

OUTPUT: