DSA0136-OBJECT ORIENTED PROGRAMMIG WITH C++

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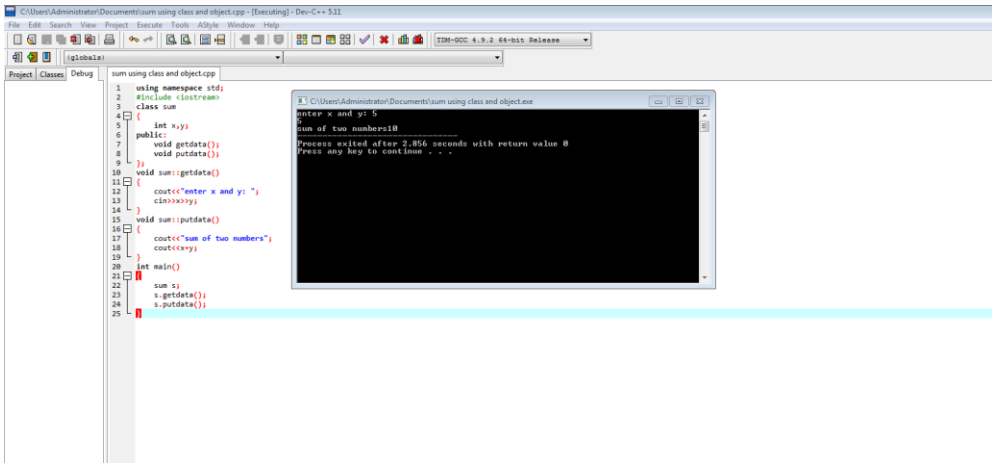
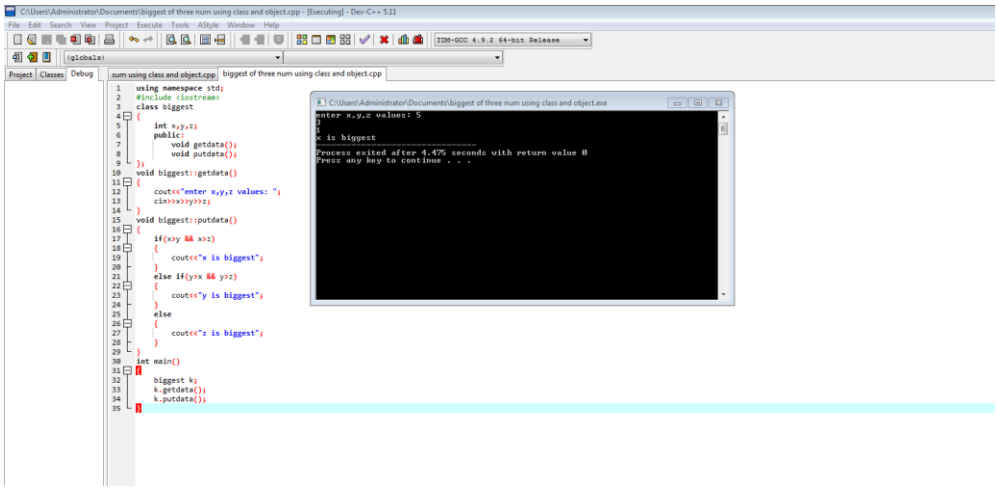
1.WRITE A C++ PROGRAM FOR SUM OF TWO NUMBERS USING CLASS AND OBJECT.USE GET DATA AND PUT DATA AS A MEMBER FUNCTION



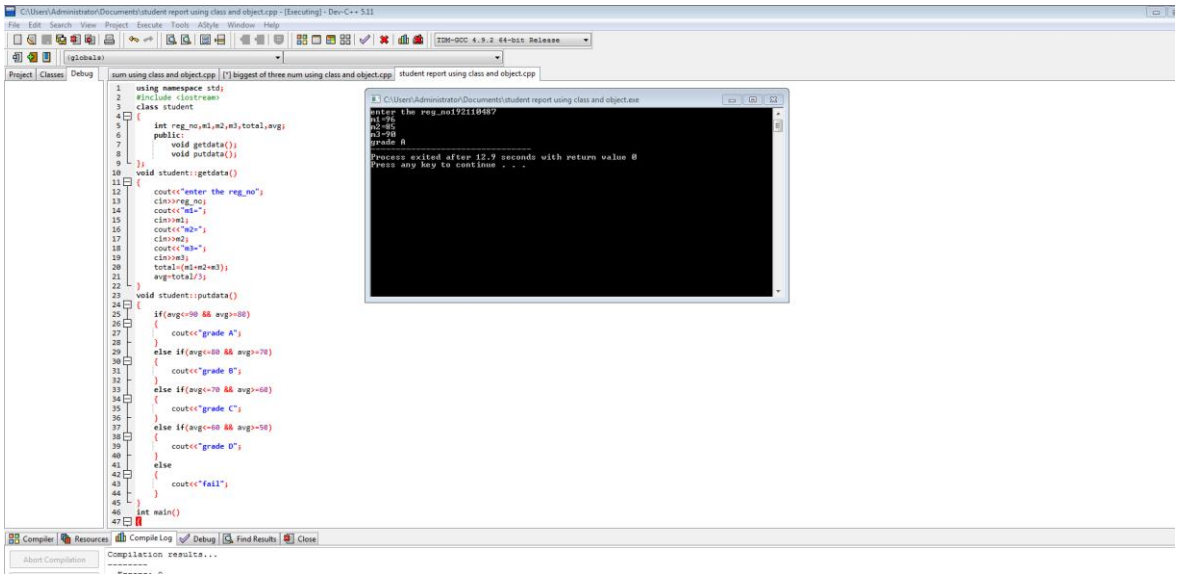
2. .WRITE A C++ PROGRAM FOR BIGGEST OF THREE NUMBERS USING CLASS AND OBJECT



```
using namespace std;
#include <iostream>
class biggest
{
    int x,y,z;
    public:
        void getdata();
        void putdata();
};
void biggest::getdata()
{
    cout<<"enter x,y,z values: ";
    cin>>x>>y>>z;
}
void biggest::putdata()
{
    if(x>y && x>z)
    {
        cout<<"x is biggest";
    }
    else if(y>x && y>z)
    {
        cout<<"y is biggest";
    }
    else
    {
        cout<<"z is biggest";
    }
}
int main()
{
    biggest k;
    k.getdata();
    k.putdata();
}
```

```
enter x,y,z values: 5
3
x is biggest
--------------------------------
Process exited after 4.475 seconds with return value 0
Press any key to continue . . .
```

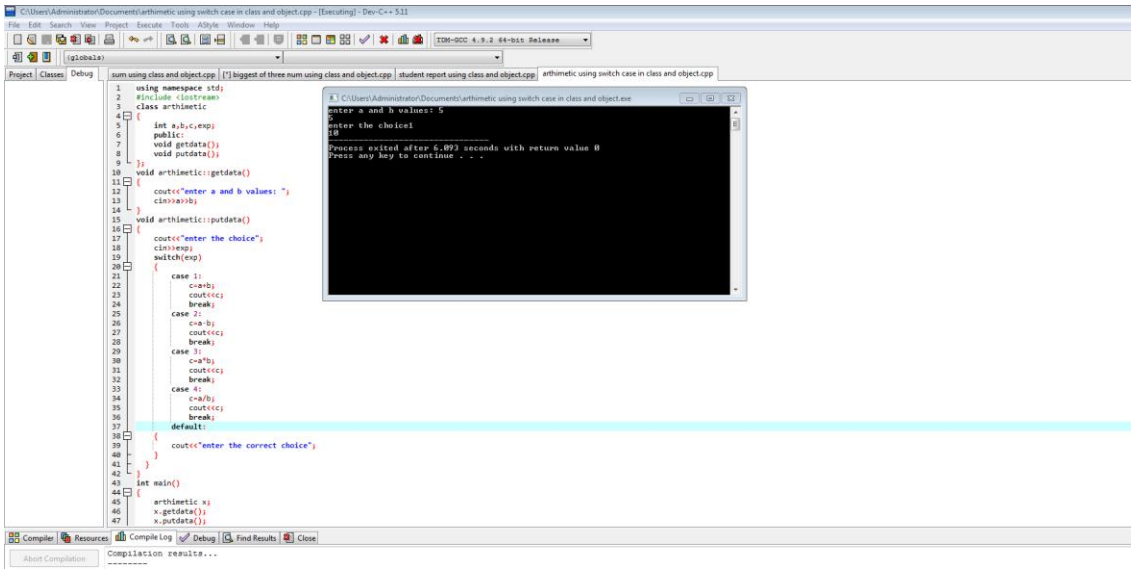
3.WRITE A C++ PROGRAM FOR STUDENT REPORT



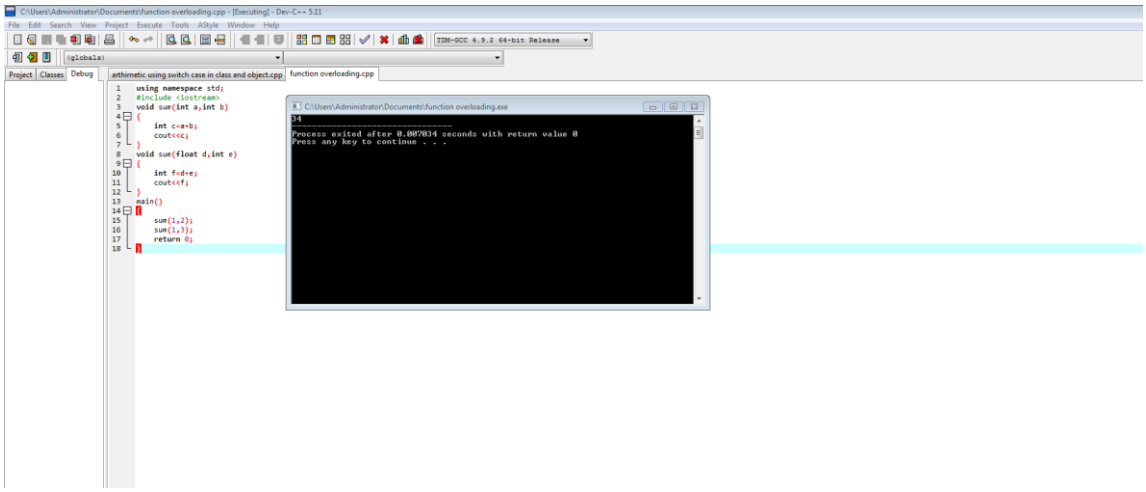
```
using namespace std;
#include <iostream>
class student
{
    int reg_no,m1,m2,m3,total,avg;
    public:
        void getdata();
        void putdata();
};
void student::getdata()
{
    cout<<"enter the reg_no";
    cin>>reg_no;
    cout<<"m1=";
    cin>>m1;
    cout<<"m2=";
    cin>>m2;
    cout<<"m3=";
    cin>>m3;
    total=(m1+m2+m3);
    avg=total/3;
}
void student::putdata()
{
    if(avg<=90 && avg>=80)
    {
        cout<<"grade A";
    }
    else if(avg<=80 && avg>=70)
    {
        cout<<"grade B";
    }
    else if(avg<=70 && avg>=60)
    {
        cout<<"grade C";
    }
    else if(avg<=60 && avg>=50)
    {
        cout<<"grade D";
    }
    else
    {
        cout<<"fail";
    }
}
int main()
{
```

```
enter the reg_no19211048?
m1=76
m2=85
m3=98
grade A
--------------------------------
Process exited after 12.9 seconds with return value 0
Press any key to continue . . .
```

4.WRITE A C++ PROGRAM FOR ARTHIMETIC OPERATION USING SWITCH CASE STATEMENT



5.WRITE A C++ PROGRAM FOR FUNCTION OVERLOADING OF SUM



6.WRITE A C++ PROGRAM FOR SWAPPING OF TWO NUMBERS USING CALL BY VALUE AND CALL BY REFERENCE