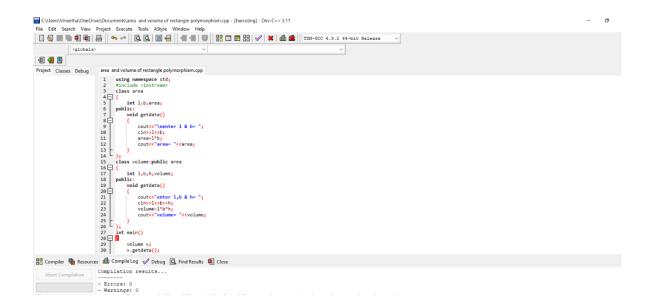
DSA0136-OBJECT ORIENTED PROGRAMMING WITH C++

DATE:30-09-2022

NAME:B.VINEETHA

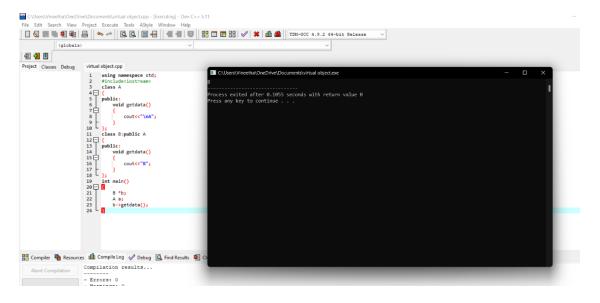
REG.NO:192110487

1.WRITE A C++ PROGRAM FOR CALCULATE THE AREA OF THE RECTANGLE AND VOLUME OF THE RECTANGLE.CREATE A CLASS AREA AND DERIVE THE CLASS VOLUME AND USE THE SAME MEMBER FUNCTION WITH THE SAME PARAMETER FOR THE ABOVE CLASSES.



```
| Tell-core | Tell
```

2.WRITE A C++ PROGRAM TO DISPLAY AN OBJECT USING POLYMORPHISM



3.WRITE DOWN A CODE FOR THE FOLLOWING INHERITANCE

BANK

SBI

ICICI

AXIS

```
(globals)
                                                                                                      Project Classes Debug bamk.cpp
                                                                                                                                            public:
float p,t,r,s;
void getdata()
                                                                                                                                                              void getdate()
{
  cut<<"enter principle: ";
  cin>p);
  cut<<"enter rate: ";
  cin>r);
  cut<<"enter time: ";
  cin>r);
  cut<<"enter time: ";
  cin>r);
  cut<<"enter time: ";
  cin>r);
  cut<<"enter time: ";
  cut</pre>
cout
                                                                                                                                               public:
float p,t,r,s;
void getdata()
                                                                                                                                                              cout<<"enter principle: ";
cin>>p;
cout<<"enter rate: ";
cin>r;
cout<<"enter time: ";
    Compiler 🖣 Resources 🋍 Compile Log 🤣 Debug 🗓 Find Results 💐 Close
                 Abort Compilation | Compilation results...
Clubers/Vineethal/OneDrive/Documents/barnkcpp - Dev-C++ S.11

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TENT-OCC 4.9.2 64-bis Release
      (globals)
                                                                                               Compiler n Resources Compile Log Debug  Find Results  Close
               Abort Compilation Compilation results...
 C\Users\Vineetha\OneDrive\Documents\bamk.cpp - [Executing] - Dev-C++ 5.11
   a 🛂 🗓
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inter principle: 4500
inter rate: 5
inter time: 5
inter time: 5
inter time: 5
inter principle: 8600
inter time: 5
imple interest of sbi: 1720
inter principle: 6500
inter rate: 4
inter time: 6
imple interest of icici: 1560
inter principle: 8900
inter rate: 4
inter time: 6
imple interest of icici: 1560
inter principle: 8900
inter rate: 4
inter time: 6
imple interest of sxis: 2136
                                                                                                56 pub. 57 pub. 58 pub. 68 68 68 68 66 66 67 68 77 pub. 57 pub. 58 pub
                                                                                                                                                public:
float p,t,r,s;
void getdata()
                                                                                                                                                                              coutce\"neter principle: ";
cim>pp
cim>pp
cim>pp
cim>pr
ci
                                                                                                                    bank i;
i.getdata();
sbi j;
j.getdata();
icici k;
k.getdata();
axis u;
u.getdata();
}
    Compiler nesources Compile Log Debug  Find Results
                 Abort Compilation | Compilation results...
      - Errors: 0
```

4.WRITE A C++ PROGRAM FOR DIVISOR BY ZERO

5.WRITE A C++ PROGRAM FOR MYEXCEPTIONS

```
| Cluberty/weethal/OreChret/Documents/myreception.cpp - [Executing] - Dev C+ 5.11
| File Edit Search View Project Execute Took ASple Window Help
| Claim | Compiler | Claim | Compiler | Claim | Compiler | Claim | Compiler | Compiler
```