**ACTIVITY NO.9**

**CODE:**

**#include<iostream>**

**using namespace std;**

**template<typename R>**

**R square(R x)**

**{**

**return x\*x;**

**}**

**template<typename S>**

**S cube(S y)**

**{**

**return y\*y\*y;**

**}**

**template<typename N>**

**N maximum(N x,N y)**

**{**

**if(x>y)**

**//cout<<"x is maximum"<<endl;**

**return x;**

**else**

**// cout<<"y is maximum"<<endl;**

**return y;**

**}**

**int main()**

**{**

**int a,b,c;**

**cout<<"enter numbers:";**

**cin>>a>>b;**

**c=square<int>(a);**

**cout<<c<<endl;**

**c=cube<int>(b);**

**cout<<c<<endl;**

**c=maximum<int>(a,b);**

**cout<<c<<endl;**

**float e,f,g;**

**cout<<"enter numbers:";**

**cin>>e>>f;**

**g=square<float>(e);**

**cout<<g<<endl;**

**g=cube<float>(f);**

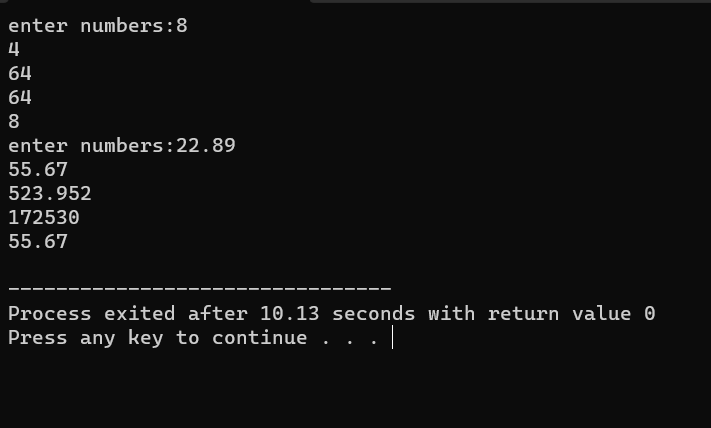
**cout<<g<<endl;**

**g=maximum<float>(e,f);**

**cout<<g<<endl;**

**}**

**OUTPUT:**

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