Practical-4.(g)

Aim: Write a C++ program that illustrate multi-level inheritance.

Algorithm:(i)Start

(ii)Base class-> Wood,Intermediate class-> furniture,subclass-> table

(iii)Print the result

(iv)Stop

Theory: Multilevel Inheritance in C++ is the process of deriving a class from another derived class.

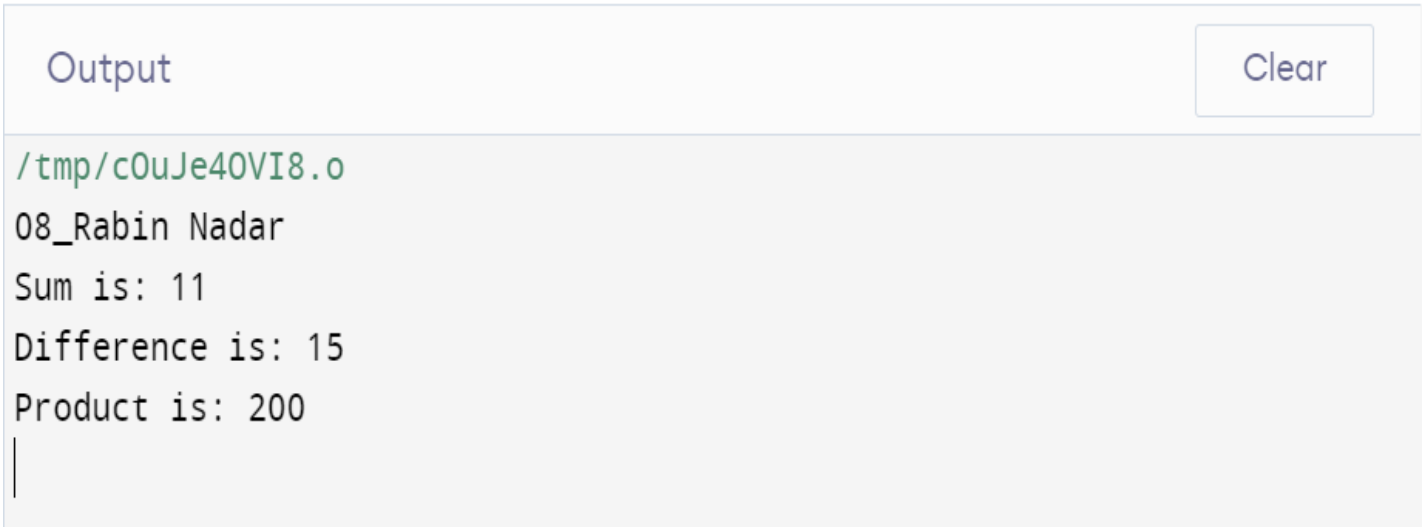
Program:

```
#include <iostream>
class A
{
   public:
   A()
   {
      int a=5,b=6,c;
      c=a+b;
      std::cout<<"Sum is: "<<c<<std::endl;
```

```
    }
};
class B:public A
{
    public:
    B()
    {
        int d=50,e=35,f;
        f=d-e;
        std::cout<<"Difference is: "<<f<<std::endl;
    }
};
class C:public B
{
    public:
    C()
    {
        int g=10,h=20,i;
        i=g*h;
```

```
        std::cout<<"Product is: "<<i<<std::endl;
    }
};
int main(){
    std::cout<<"08_Rabin Nadar"<<std::endl;
    C obj;
    return 0;
}
```

Output:



Conclusion:

Successfully written the code and executed it.