```java
/*method overloading(rectangle,squre)without CLA*/
class Room
{
  int length;
  int breadth;
  Room(int a,int b) //assuming rectangle
  {
    length=a;
    breadth=b;
  }
  Room(int a)    //assuming square
  {
    length=breadth=a;
  }
  int area()
  {
    return(length*breadth);
  }
}
class Overloading
{
  public static void main(String args[])
  {
    Room r1=new Room(5,6);
    Room r2=new Room(5);
    System.out.println("area of r1 is: "+r1.area());
    System.out.println("area of r2 is: "+r2.area());
  }
}
```

```
Microsoft Windows [Version 10.0.22621.1265]
(c) Microsoft Corporation. All rights reserved.

C:\Users\HP>cd Onedrive

C:\Users\HP\OneDrive>cd Desktop

C:\Users\HP\OneDrive\Desktop>cd notepad prog

C:\Users\HP\OneDrive\Desktop\notepad prog>javac Overloading.java

C:\Users\HP\OneDrive\Desktop\notepad prog>java Overloading
area of r1 is: 30
area of r2 is: 25

C:\Users\HP\OneDrive\Desktop\notepad prog>
```

```
Microsoft Windows [Version 10.0.22621.1265]
(c) Microsoft Corporation. All rights reserved.

C:\Users\HP>cd Onedrive

C:\Users\HP\OneDrive>cd Desktop

C:\Users\HP\OneDrive\Desktop>cd notepad prog

C:\Users\HP\OneDrive\Desktop\notepad prog>javac Overloading.java

C:\Users\HP\OneDrive\Desktop\notepad prog>java Overloading
area of r1 is: 30
area of r2 is: 25
```