OBJECT ORIENTED PROGRAMMING LAB

Experiment No.: 18

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Roll No:54

Batch: B

Date:31/05/2022

Aim

Write a user defined exception class to authenticate the user name and password.

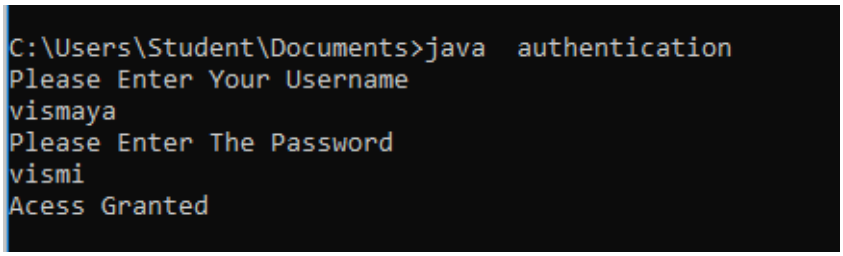
Procedure

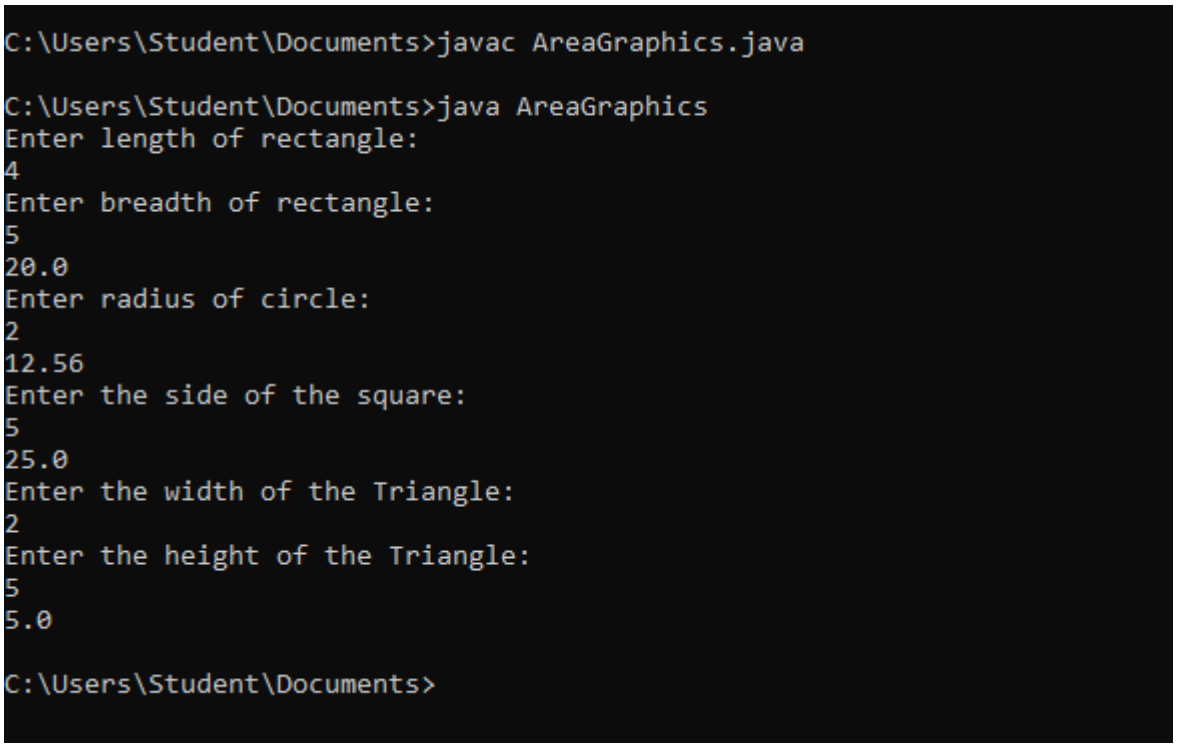
```
import Authentication.*;

import java.util.Scanner;

public class authentication {

public static void main(String[] args) {
String username = "vismaya";
String password = "vismi";
Scanner sc = new Scanner(System.in);
System.out.println("Please Enter Your Username");
String u1 = sc.nextLine();
System.out.println("Please Enter The Password");
String u2 = sc.nextLine();
try {
if ((u1.equals(username)) && (u2.equals(password))) {
System.out.println("Acess Granted");
}
else {
  throw new credentialexception("Invalid credentials");
}
}

catch (credentialexception e){
System.out.println(e.getMessage());

}
}
```

```
}
```

```
package Authentication;

public class credentialexception extends Exception{
public credentialexception(String s){
super(s);
}
}
```

Output Screenshot



```
Graphics Ob = new Graphics();
System.out.println(Ob.recArea());
        System.out.println(Ob.cirArea());
        System.out.println(Ob.squArea());
        System.out.println(Ob.triArea());
    }
```

Output Screenshot