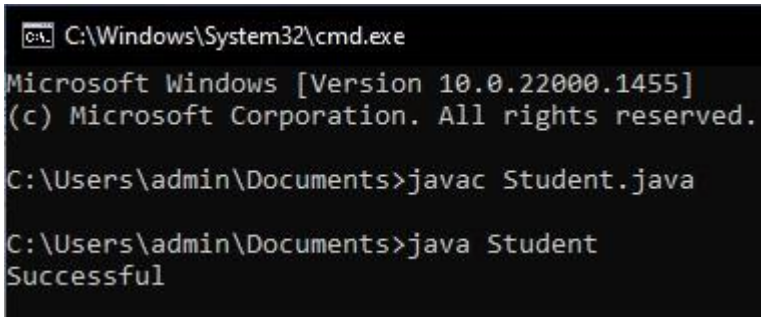
Assignment-1.

- Create a class Student in Student.java then add member variables studentName, collegeName of type String
- Add a member variable studentId of type int.
- Make all the member variables as private.
- Add a main method. And print a message “Successful”.
- Compile the class
- Run the class (Follow Coding convention)

Source code:

```
public class Student {
private   String   studentName;
private   String   collegeName;
private int studentId;
   public static void main(String[] args) {
      System.out.println("Successful");
   }
}
```

Output:



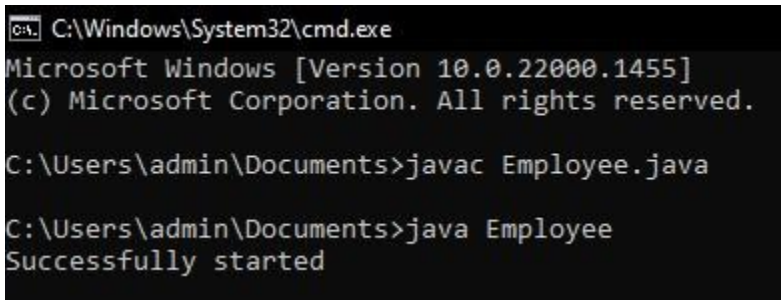
Assignment-2.

- Create a new class Employee
- Add member variables: id and age of type int, name of type String and isPermanent of type boolean
- Now assign values 35.5 to age; See the error message.
- How can you avoid this error? Correct the error by casting.
- Make all the members protected
- Add a main method to it. Print message “Successfully started”.
- Compile the class.

Source code:

```
public class Employee {
protected int id;
protected int age;
protected String name;
protected boolean isPermanent;
public static void main(String[] args) {
 Employee emp = new Employee();
emp.id = 101;
emp.name = "John Doe";
emp.isPermanent = true;
emp.age = (int) 35.5;
      System.out.println("Successfully started");
   }
}
```

Output:


C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.22000.1455]
(c) Microsoft Corporation. All rights reserved.
C:\Users\admin\Documents>javac Employee.java
C:\Users\admin\Documents>java Employee
Successfully started

Assignment-3.

- Create a class Person
- Add member variables name as String, age and salary as int
- Initialize the member variable along with declaration.
- Now put the previous Person class in a package com.anudip.learning
- Add a main method. Add a print message “Test Successful”.
- Run the class after compilation.
- Modify the classpaths to see the error messages on

Source code:

```
public class Person {
  String name = "Alice";
 int age = 30;
 int salary = 50000;
    public static void main(String[] args) {
        System.out.println("Test Successful");
    }
}
```

Output: