

Lab1-Assignment-1

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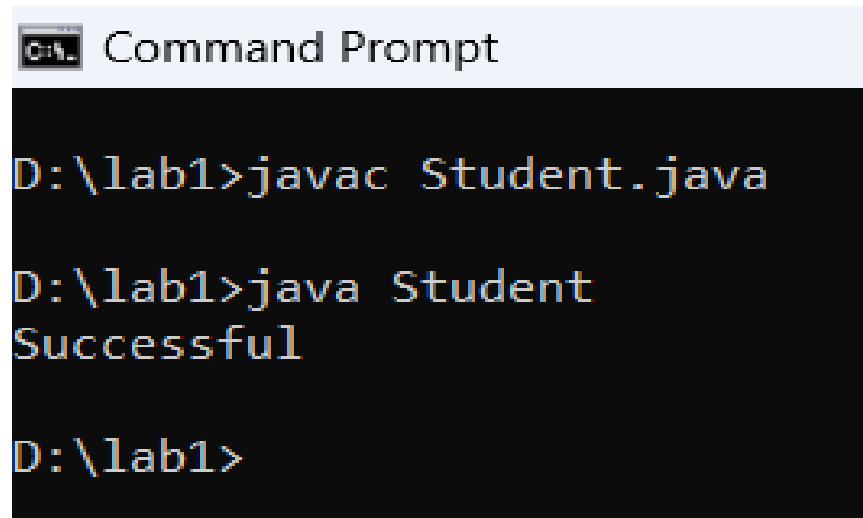
1) Create a class Student in Student.java then add member variables studentName, collegeName of type String , Add a member variable studentID of type int. Make all the member variables as private. Add a main method. And print a message “Successful”. Compile the class Run the class (Follow Coding convention)

```
class Student
{
    private String StudentName,CollegeName;
    private int StudentId;

    //Prints Successful

    public static void main(String []args)
    {
        System.out.println("Successful");
    }
}
```

Output:



```
C:\> Command Prompt

D:\lab1>javac Student.java

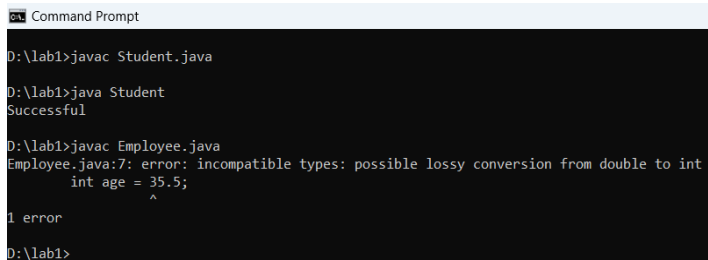
D:\lab1>java Student
Successful

D:\lab1>
```

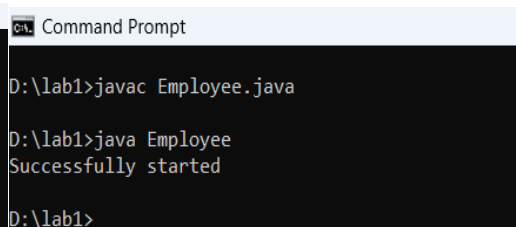
2) Create a new class Employee Add member variables: id and age of type int, name of type String and isPermanent of type boolean Now assign values 35.5 to age; See the error message. How can you avoid this error? Correct the error by casting. Make all the members protected Add a main method to it. Print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

```
class Employee
{
    public static void main(String []args)
    {
        int id; // Employee details
        String Name;
        double age = 35.5;
        boolean isPermanent;
        //Prints Given words
        System.out.println("Successfully started");
    }
}
```

Note: In question we have one statement we use int for storing 35.5, we facing error issue because int can not be converted to double, Double can be converted to int. so this are the pictures putting int and putting double.



```
Command Prompt
D:\lab1>javac Student.java
D:\lab1>java Student
Successful
D:\lab1>javac Employee.java
Employee.java:7: error: incompatible types: possible lossy conversion from double to int
    int age = 35.5;
            ^
1 error
D:\lab1>
```



```
Command Prompt
D:\lab1>javac Employee.java
D:\lab1>java Employee
Successfully started
D:\lab1>
```