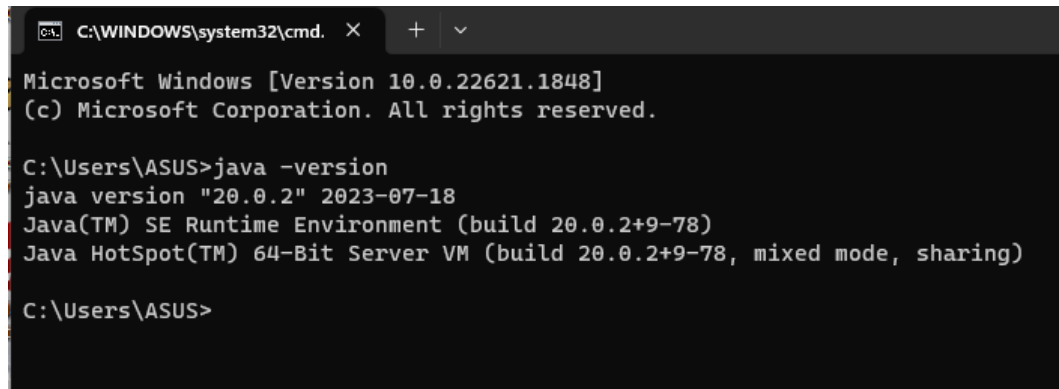


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Tugas 1 : Lab OPP

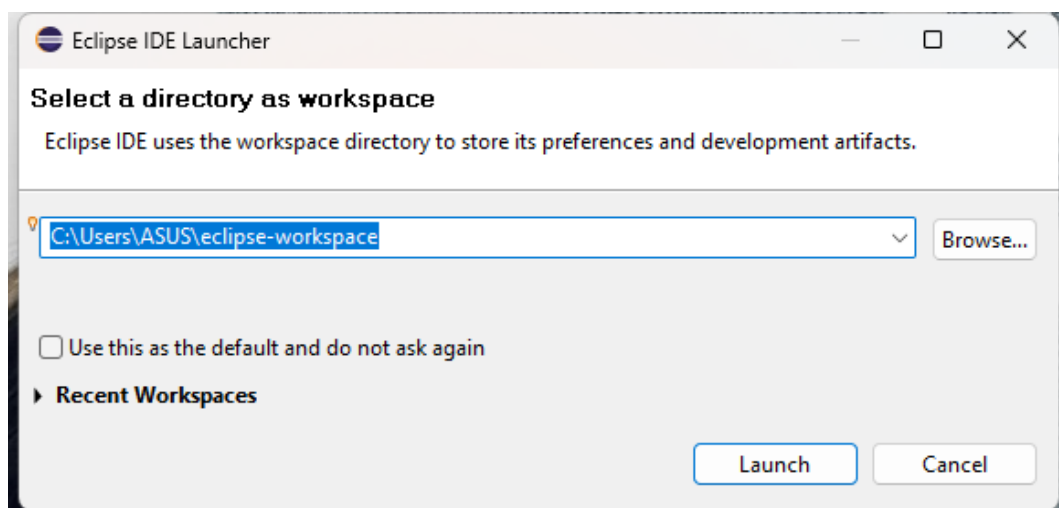


```
C:\WINDOWS\system32\cmd. X + v

Microsoft Windows [Version 10.0.22621.1848]
(c) Microsoft Corporation. All rights reserved.

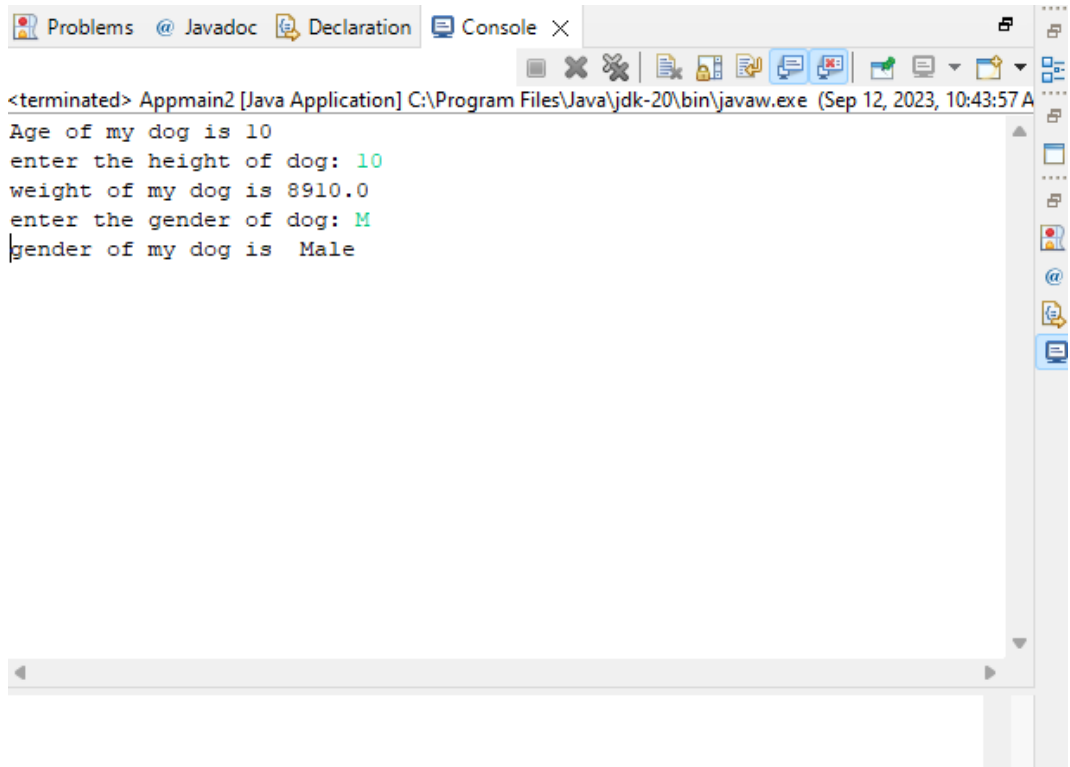
C:\Users\ASUS>java -version
java version "20.0.2" 2023-07-18
Java(TM) SE Runtime Environment (build 20.0.2+9-78)
Java HotSpot(TM) 64-Bit Server VM (build 20.0.2+9-78, mixed mode, sharing)

C:\Users\ASUS>
```



```
module-info.java Dog.java X AppMain.java Appmain2.java
1 package dog;
2
3 public class Dog {
4     int Age= 10;
5     String Gender;
6
7     void barking() {
8         System.out.println("woof..woof..");
9     }
10    Integer showAge() {
11        return Age;
12    }
13    Float showWeight(int height) {
14        Float weight = (float) ((height-100)-((height-100)*100));
15        return weight;
16    }
17    String showGender(char value) {
18        Gender = "Female";
19        if(value == 'M') {
20            Gender = "Male";
21        }
22        return Gender;
23    }
24 }
25
```

```
Package Explorer X
dog
  JRE System Library [JavaSE-20]
  src
    dog
      AppMain.java
      Appmain2.java
      Dog.java
      module-info.java
module-info.java Dog.java X AppMain.java Appmain2.java X
1 package dog;
2
3 import java.util.Scanner;
4
5 public class Appmain2 {
6     static Dog mydog = new Dog();
7
8     public static void main(String[] args) {
9         Scanner scanner = new Scanner(System.in);
10
11         Integer age = mydog.showAge();
12         System.out.println("Age of my dog is "+age);
13
14         System.out.print("enter the height of dog: ");
15         int height = scanner.nextInt();
16         Float weight = mydog.showWeight(height);
17         System.out.println("weight of my dog is "+weight);
18
19         System.out.print("enter the gender of dog: ");
20         char gender = scanner.next().charAt(0);
21         String genderName = mydog.showGender(gender);
22         System.out.println("gender of my dog is "+genderName);
23
24         scanner.close();
25     }
26 }
27
28
```



The screenshot shows an IDE's console window with tabs for 'Problems', 'Javadoc', 'Declaration', and 'Console'. The console title bar indicates the application is 'Appmain2 [Java Application]' running on 'C:\Program Files\Java\jdk-20\bin\javaw.exe' at 'Sep 12, 2023, 10:43:57 A'. The output text is as follows:

```
<terminated> Appmain2 [Java Application] C:\Program Files\Java\jdk-20\bin\javaw.exe (Sep 12, 2023, 10:43:57 A)
Age of my dog is 10
enter the height of dog: 10
weight of my dog is 8910.0
enter the gender of dog: M
gender of my dog is Male
```