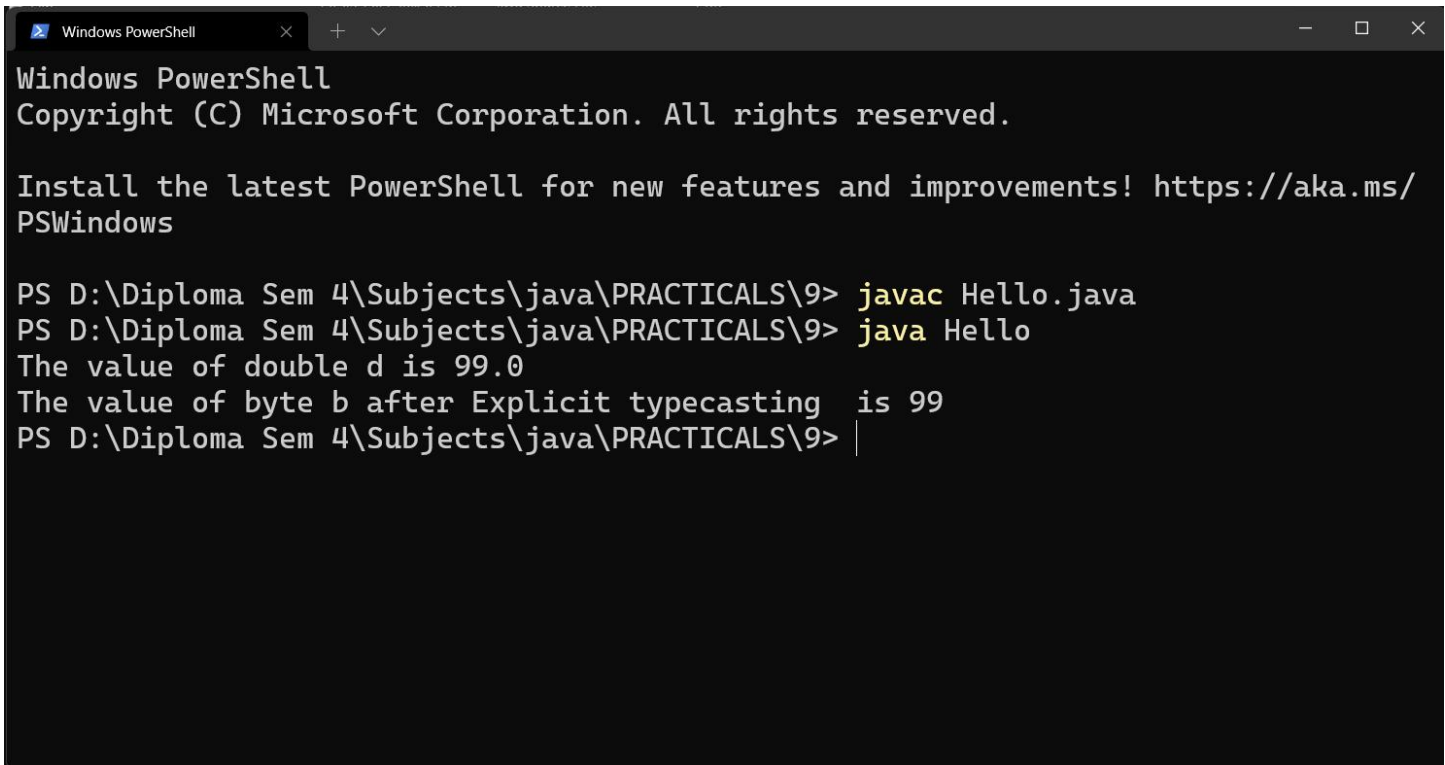


Practical 9 :

Code :

```
class Hello {  
    public static void main(String[] args) {  
        double d = 99.0d;  
        byte b = (byte)d;  
        System.out.println("The value of double d is "+d);  
        System.out.println("The value of byte b after Explicit typecasting is "+b);  
    }  
}
```

Output :

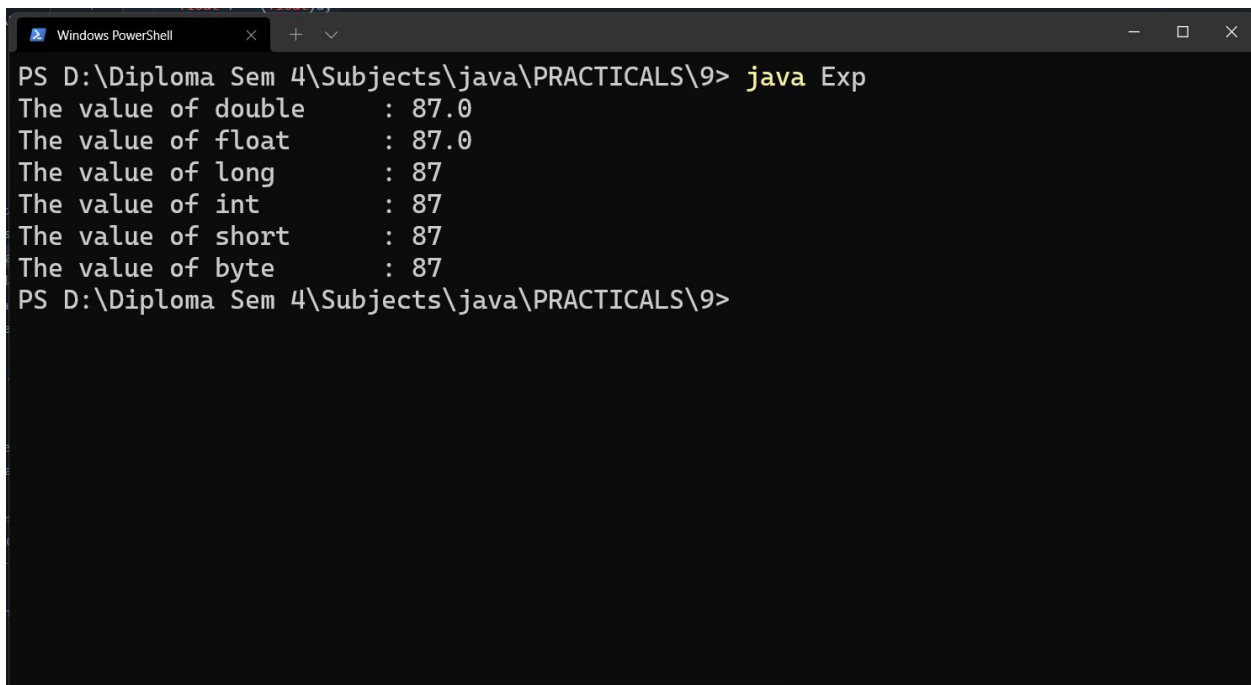
A screenshot of a Windows PowerShell terminal window. The title bar shows 'Windows PowerShell' with standard window controls. The terminal text includes the Windows copyright notice, a link to download PowerShell, and the execution of a Java program. The program outputs the value of a double variable 'd' as 99.0 and the value of a byte variable 'b' after explicit typecasting as 99.

```
Windows PowerShell  
Copyright (C) Microsoft Corporation. All rights reserved.  
  
Install the latest PowerShell for new features and improvements! https://aka.ms/  
PSWindows  
  
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\9> javac Hello.java  
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\9> java Hello  
The value of double d is 99.0  
The value of byte b after Explicit typecasting is 99  
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\9> |
```

Code :

```
class Exp {  
    public static void main(String[] args) {  
        double d = 87.0d;  
        float f = (float)d;  
        long l = (long)f;  
        int i =(int)l;  
        short s = (short)i;  
        byte b = (byte)s;  
        //double e =(57*4)+(500/'z')-(0.124*102);  
        System.out.println("The value of double   : "+d);  
        System.out.println("The value of float    : "+f);  
        System.out.println("The value of long     : "+l);  
        System.out.println("The value of int      : "+i);  
        System.out.println("The value of short    : "+s);  
        System.out.println("The value of byte     : "+b); }  
}
```

Output :



```
Windows PowerShell  
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\9> java Exp  
The value of double   : 87.0  
The value of float    : 87.0  
The value of long     : 87  
The value of int      : 87  
The value of short    : 87  
The value of byte     : 87  
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\9>
```