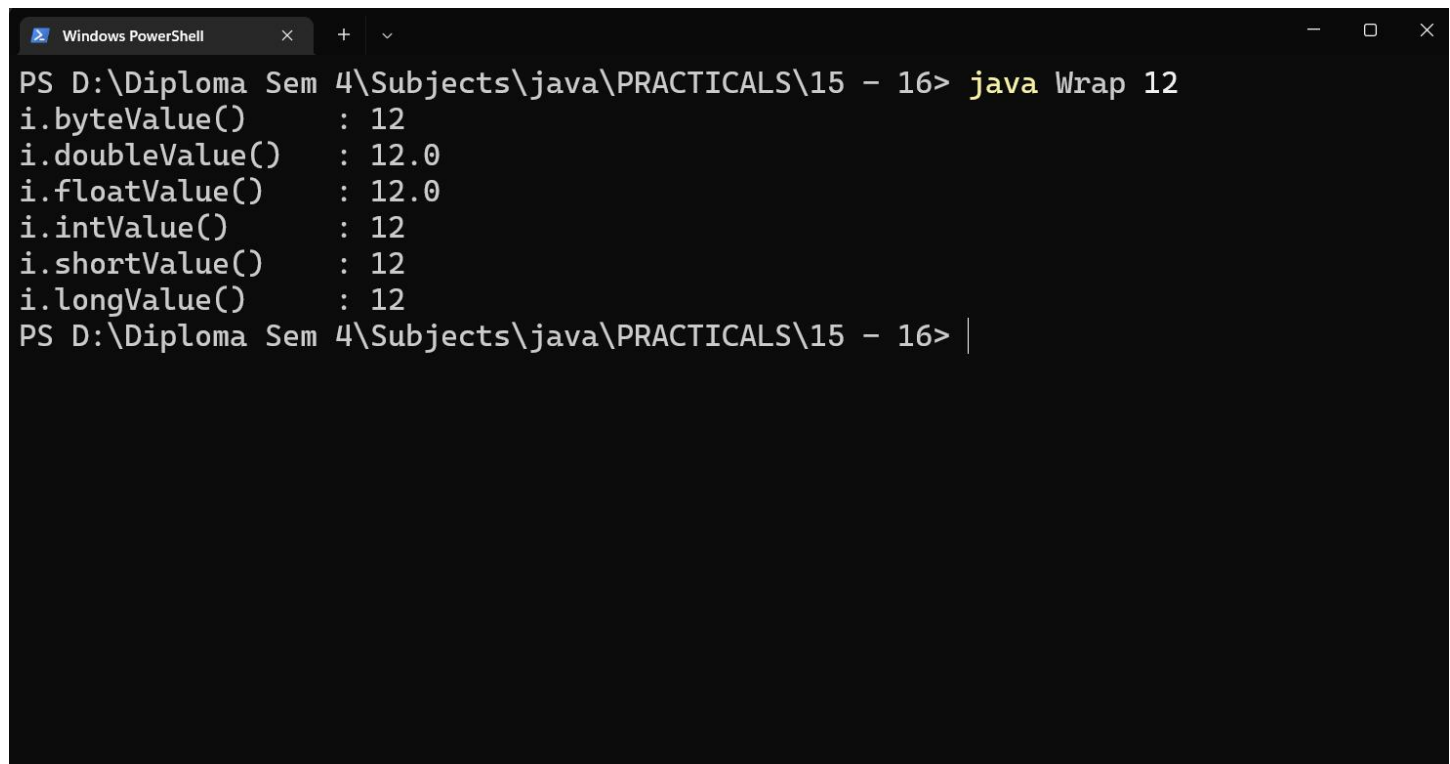


Practical 15-16:

Code :

```
class Wrap {  
    public static void main(String[] args) {  
        String s =args[0];  
        Integer i = Integer.parseInt(s);  
        System.out.println("i.byteValue()   : "+i.byteValue());  
        System.out.println("i.doubleValue()  : "+i.doubleValue());  
        System.out.println("i.floatValue()   : "+i.floatValue());  
        System.out.println("i.intValue()    : "+i.intValue());  
        System.out.println("i.shortValue()   : "+i.shortValue());  
        System.out.println("i.longValue()    : "+i.longValue());  
    }  
}
```

Output :



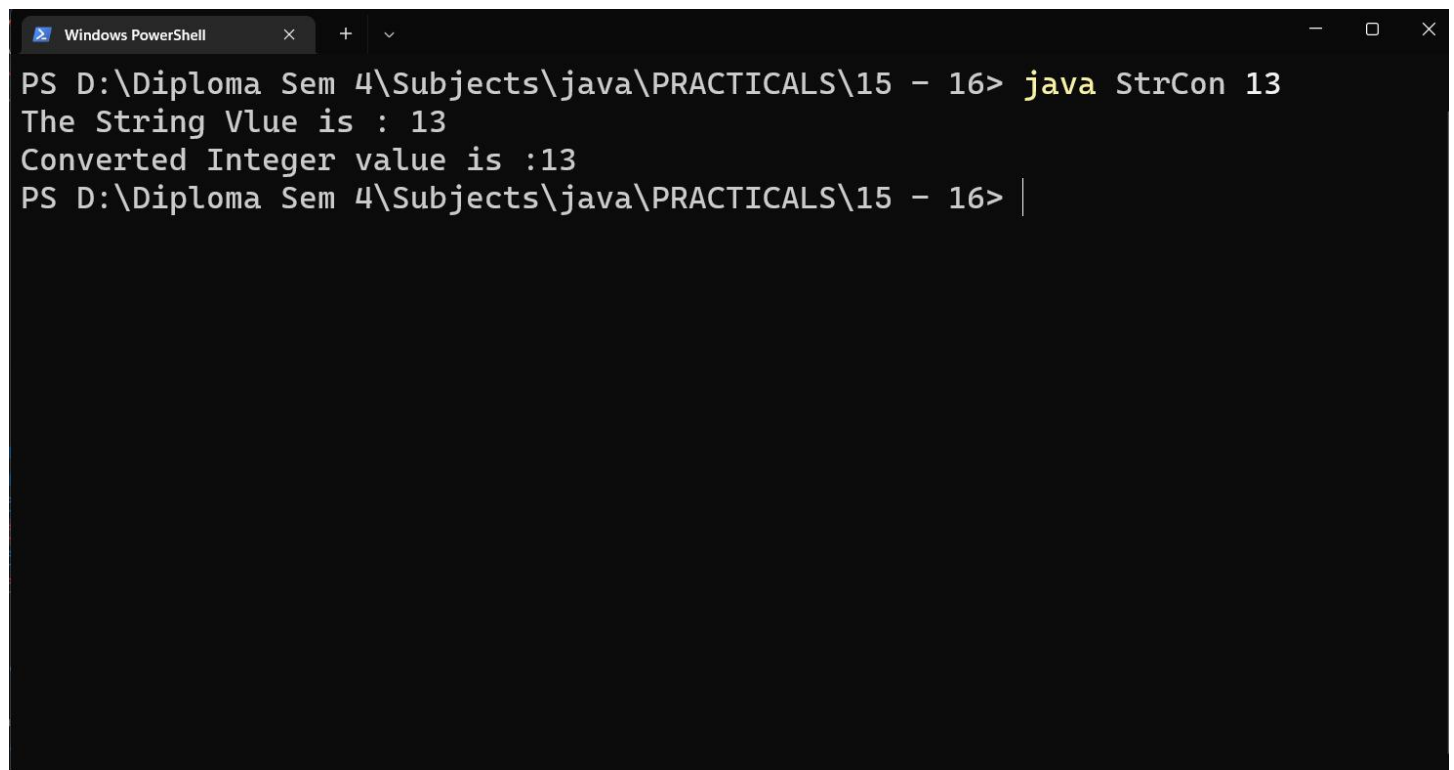
The screenshot shows a Windows PowerShell window with the following text:

```
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\15 - 16> java Wrap 12  
i.byteValue()      : 12  
i.doubleValue()     : 12.0  
i.floatValue()      : 12.0  
i.intValue()        : 12  
i.shortValue()      : 12  
i.longValue()       : 12  
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\15 - 16> |
```

Code :

```
public class StrCon {  
    public static void main(String[] args) {  
        String s = args[0];  
        System.out.println("The String Vlua is : "+s);  
        Integer i = Integer.parseInt(s);  
        System.out.println("Converted Integer value is :"+i);  
    }  
}
```

Output :

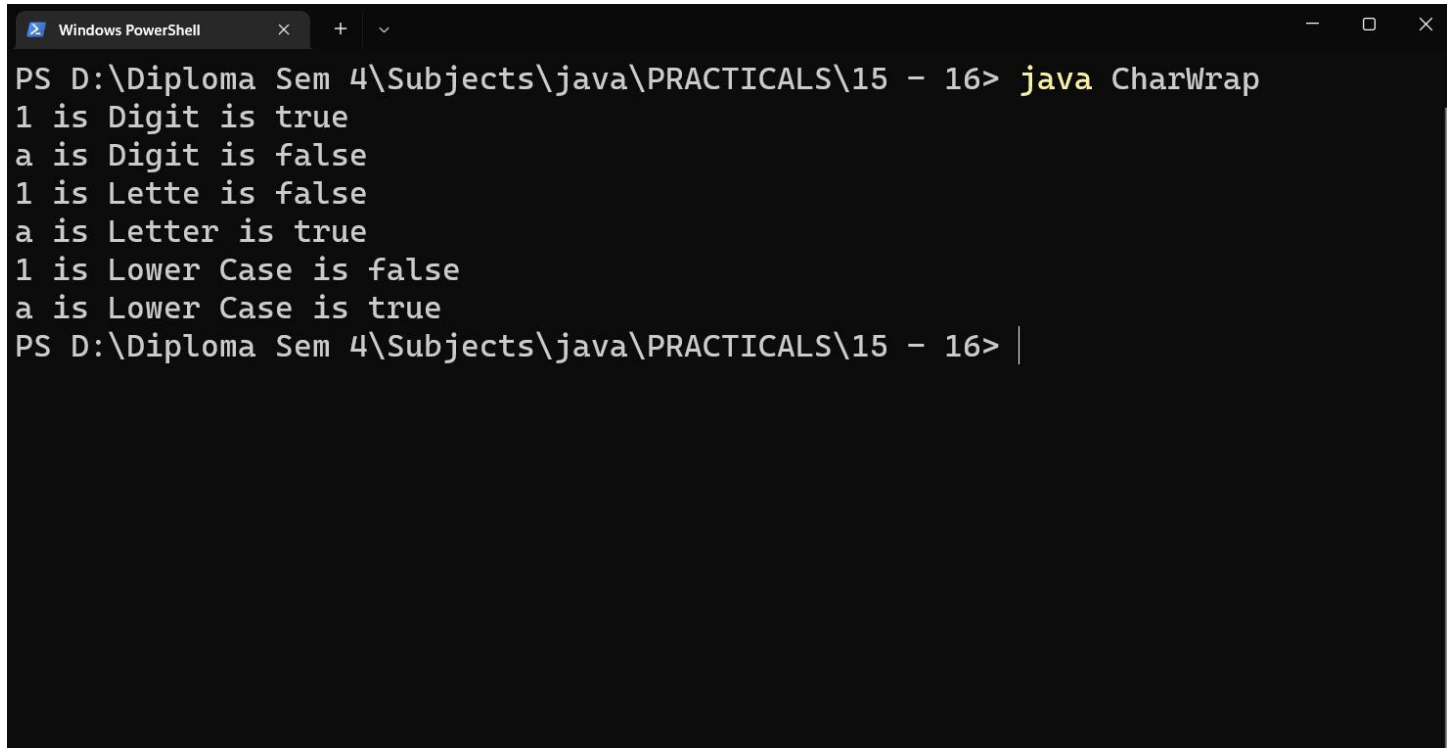
A screenshot of a Windows PowerShell terminal window. The title bar shows 'Windows PowerShell' with standard window controls. The command prompt shows the directory 'D:\Diploma Sem 4\Subjects\java\PRACTICALS\15 - 16' and the command 'java StrCon 13'. The output of the program is displayed: 'The String Vlua is : 13' and 'Converted Integer value is :13'. The prompt is ready for the next command.

```
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\15 - 16> java StrCon 13  
The String Vlua is : 13  
Converted Integer value is :13  
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\15 - 16> |
```

Code :

```
public class CharWrap {  
    public static void main(String[] args) {  
        char c1,c2;  
        c1 = '1';  
        c2='a';  
        System.out.println(c1+" is Digit is "+Character.isDigit(c1));  
        System.out.println(c2+" is Digit is "+Character.isDigit(c2));  
        System.out.println(c1+" is Lette is "+Character.isLetter(c1));  
        System.out.println(c2+" is Letter is "+Character.isLetter(c2));  
        System.out.println(c1+" is Lower Case is "+Character.isLowerCase(c1));  
        System.out.println(c2+" is Lower Case is "+Character.isLowerCase(c2));  
    }  
}
```

Output :

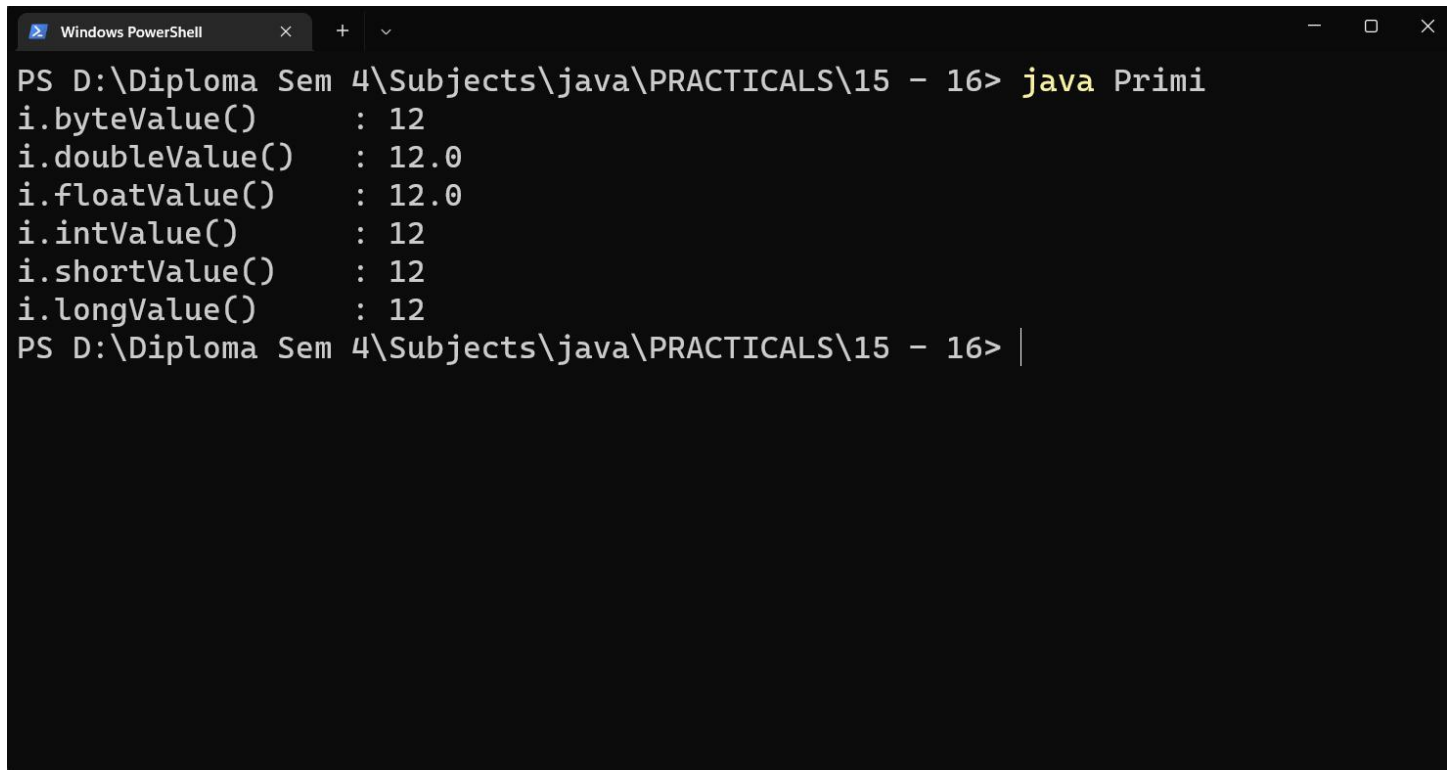


```
Windows PowerShell  
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\15 - 16> java CharWrap  
1 is Digit is true  
a is Digit is false  
1 is Lette is false  
a is Letter is true  
1 is Lower Case is false  
a is Lower Case is true  
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\15 - 16> |
```

Code :

```
public class Primi {  
    public static void main(String[] args) {  
        Integer i = 12;  
  
        System.out.println("i.byteValue() : "+i.byteValue());  
  
        System.out.println("i.doubleValue() : "+i.doubleValue());  
  
        System.out.println("i.floatValue() : "+i.floatValue());  
  
        System.out.println("i.intValue() : "+i.intValue());  
  
        System.out.println("i.shortValue() : "+i.shortValue());  
  
        System.out.println("i.longValue() : "+i.longValue());  
    }  
}
```

Output :



The screenshot shows a Windows PowerShell window with the following text:

```
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\15 - 16> java Primi  
i.byteValue()      : 12  
i.doubleValue()     : 12.0  
i.floatValue()      : 12.0  
i.intValue()        : 12  
i.shortValue()      : 12  
i.longValue()       : 12  
PS D:\Diploma Sem 4\Subjects\java\PRACTICALS\15 - 16> |
```