

DATE:06/02/2024

PROGRAM-4

LAB-2

AIM:-WRITE A PROGRAM TO PRINT* IN FLOYD IS FORMAT USING FOR AND WHILE LOOP. CODE:-

```
import java.util.Scanner;
```

```
class lab2_4 { void
```

```
dev(){
```

```
    System.out.println("the enter value of i");
```

```
Scanner sc= new Scanner(System.in);
```

```
    int i;
```

```
    i=sc.nextInt();
```

```
int a=0;    int
```

```
b=0;
```

```
while(a<=i){
```

```
while(b<=a){
```

```
    System.out.print("*");
```

```
    b++;
```

```
    }
```

```
    System.out.println("");
```

```
    b=0;
```

```
a++;
```

```
    }
```

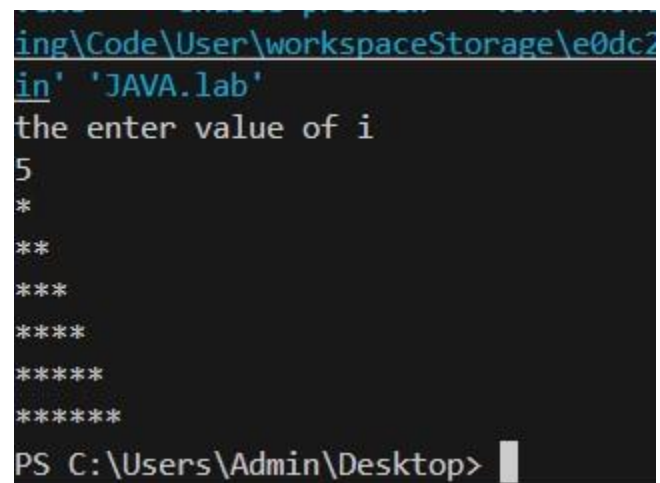
```
    }
```

```
}
```

```
class lab{
```

```
public static void main(String[] args){  
lab2_4 w= new lab2_4();  
    w.dev();  
}  
}
```

OUTPUT:



The screenshot shows a terminal window with a dark background and light-colored text. The text displays the output of a Java program. It starts with a file path, followed by the class name 'JAVA.lab'. The program prompts the user to 'enter value of i', and the input '5' is shown. The output then consists of a series of asterisks forming a pattern: one asterisk on the first line, two on the second, three on the third, four on the fourth, five on the fifth, and six on the sixth. The terminal window title is 'C:\Users\Admin\Desktop' and the prompt is 'PS C:\Users\Admin\Desktop>'.

```
ing\Code\User\workspaceStorage\e0dc2  
in' 'JAVA.lab'  
the enter value of i  
5  
*  
**  
***  
****  
*****  
*****  
PS C:\Users\Admin\Desktop>
```