JAVA PROGRAMMING LAB

BASIC PROGRAMS   **Date: 10.07.2021**

1. Read the radius and print the area of a circle
2. Read the number and check whether it is divisible by 3 and 5.
3. Display Subject Name based on room number. If the user enters 604 then display Java Programming , If the user enters 605 then display Python programming for any other input display Invalid input to the user
4. Print the sum of first n numbers. If n is 3 then print the sum of 1+2+3 to the user. Get n from the user
5. Print the sum of the series $1^2 + 2^2 + 3^2$ up to n terms
6. Print the multiplication table by getting the n from the user.
7. Provide the option of adding two numbers to the user until the user wants to exit.
8. Print this pattern for n lines

(a)

```
*
**
***
****
```

 (b)

```
1234
123
12
1
```

(c)
```
1
12
123
1234
1234
123
12
1
```