**REVIEW OF BASIC PROGRAMMING CONCEPTS (Java programming)**

1) What will be printed when the following program **simpleWhile** is executed?

public class simpleWhile {

public static void main(String[] args) {

int x=45, z=2;

while(x > 20) {

System.out.print(x + "\*\*" + z);

x = x - 3\*z;

z += 2;

}

}

}

**OUTPUT:**

2) What the program below will print after the user enters the number “6” as the input?

import java.util.Scanner;

public class forLoop {

public static void main(String[] args) {

int number;

Scanner reader = new Scanner(System.in);

System.out.print("Type in an integer: ");

number = reader.nextInt();

if (number <= 0)

System.out.println("Input is not a positive integer");

else

{

for (int i=number; i>0; i--)

{

System.out.println(i);

}

}

reader.close();

}

}

**OUTPUT:**