

Program

```
import java.util.*;

class NegativeNumberException extends
Exception {
    public String toString() {
        return "*Please enter a non negative
number!!!";
    }
}

class Calculate {
    Double Total = 0.0;
    int value, num = 0;
    Calculate(Scanner read, int limit) {
        System.out.println("Enter the Numbers: ");
        for (int i = 0; i < limit; i++)
        {
            try {
                value = read.nextInt();
                if (value < 0)
                {
```

```
throw new NegativeNumberException();  
  
    }
```

```
Total = Total + value;
```

```
num += 1;
```

```
    }
```

```
catch (NegativeNumberException e)
```

```
{
```

```
System.out.println("\tException: " + e);
```

```
    }
```

```
}
```

```
}
```

```
void Avarage()
```

```
{
```

```

        System.out.println("The average of positive
        numbers entered is : " + (Total / num));
    }
}
public class PositiveIntegersAvg {
    public static void main(String[] args) {
        int limit;
        Scanner read = new Scanner(System.in);
        System.out.print("\nEnter the limit: ");
        limit = read.nextInt();
        Calculate CObj = new Calculate(read, limit);

        CObj.Avarage();
    }
}

```

Output:-

```

Enter the limit: 5
Enter the Numbers:
1
2
3
4
5
The average of positive numbers entered is :
3

```