

# Java Assessment1 10-10-2019

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/ Image Validator

Description

Code Editor

## Image Validator

Jack owns a free upload image site. He planned to allow users to upload their images on his website. Since, Jack is very concern on disk space, the user can upload their image only if the image size is less than or equal to 20 KB. If the image size uploaded by the user meets the requirement, the system should display "**Thank you for uploading the image**". Else the system should alert the user by displaying, "**Image Size exceeds 20KB**".

So help him to automate the above the process by writing a Java program which will throw a user-defined exception "ImageSizeExceedException".

Partial Code is given to do the above task. In the Validator class, you are provided with the method `public static boolean validateImageSize(int imageSize)`. The logic for validating the imageSize is already given as part of the partial code skeleton. Complete the rest of the code as below.

If the imageSize meets the requirement, this method returns true.

If the imageSize does not meet the requirement, this method should throw a user-defined exception "ImageSizeExceedException".

From the main method invoke the validateImageSize method and handle the exception and print the appropriate message.

### Sample Input and Output 1:

Enter the user Name

Jaison

Enter the title of Image

20

Thank you for uploading the image

**Sample Input and Output 2:**

Enter the user Name

Jaison

Enter the title of Image

flower

Enter the size of Image

21

Image Size exceeds 20KB

## Requested files

Image/src/ImageSizeExceedException.java

```
1
2 public class ImageSizeExceedException
3 {
4
5 }
6
```



Image/src/UserInterface.java

```
1
2 import java.util.Scanner;
3
4
5 public class UserInterface {
6
7     public static void main(String[] args) {
8         Scanner sc=new Scanner(System.in);
9         System.out.println("Enter the user Name");
10        String userName=sc.nextLine();
11        System.out.println("Enter the title of Image");
12        String imageTitle = sc.nextLine();
13        System.out.println("Enter the size of Image");
14        int imageSize=sc.nextInt();
15
16    }
17
18 }
19
```

Image/src/Validator.java



```
5   boolean flag = false;  
6  
7       if (imageSize<=20){  
8           flag=true;  
9       }  
10      else{  
11          //fill in the code  
12      }  
13  
14  
15  
16      return flag;  
17  
18  
19  }  
20 }  
21  
22
```

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