**[1](https://www.guvi.in/codekata-level?level=beginner&set=1" \l "collapse1)** [- Check whether a number is positive or negative or zero](https://www.guvi.in/codekata-level?level=beginner&set=1" \l "collapse1)

1. */\* package whatever; // don't place package name! \*/*
3. **import** java.util.\*;
4. **import** java.lang.\*;
5. **import** java.io.\*;
7. */\* Name of the class has to be "Main" only if the class is public. \*/*
8. **class** Ideone
9. {
10. **public** **static** **void** main ([String](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+string)[] args) **throws** java.lang.[Exception](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+exception)
11. {
12. Scanner s=**new** Scanner([System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).in);
13. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("Enter the input");
14. **int** x1=s.nextInt();
15. **if**(x1>0)
16. {
17. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the number is positive");
18. }
19. **else** **if**(x1<0)
20. {
21. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the number is negative");
22. }
23. **else**
24. {
25. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the number us zero");
26. }
27. }
28. }

**[2](https://www.guvi.in/codekata-level?level=beginner&set=1" \l "collapse2)** [- Check whether a number is even or odd](https://www.guvi.in/codekata-level?level=beginner&set=1" \l "collapse2)

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1. */\* package whatever; // don't place package name! \*/*
3. **import** java.util.\*;
4. **import** java.lang.\*;
5. **import** java.io.\*;
7. */\* Name of the class has to be "Main" only if the class is public. \*/*
8. **class** Ideone
9. {
10. **public** **static** **void** main ([String](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+string)[] args) **throws** java.lang.[Exception](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+exception)
11. {
12. Scanner s= **new** Scanner([System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).in);
13. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("Enter the number");
14. **int** x1=s.nextInt();
15. **if**(x1%2==0)
16. {
17. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the number is even");
18. }
19. **else**
20. {
21. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the number is odd");
22. }
23. }
25. }

**[3](https://www.guvi.in/codekata-level?level=beginner&set=1" \l "collapse3)** [- Check whether a character is vowel or consonant](https://www.guvi.in/codekata-level?level=beginner&set=1" \l "collapse3)

1. */\* package whatever; // don't place package name! \*/*
3. **import** java.util.\*;
4. **import** java.lang.\*;
5. **import** java.io.\*;
7. */\* Name of the class has to be "Main" only if the class is public. \*/*
8. **class** Ideone
9. {
10. **public** **static** **void** main ([String](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+string)[] args) **throws** java.lang.[Exception](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+exception)
11. {
12. Scanner s=**new** Scanner([System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).in);
13. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("enter the character");
14. **char** x1=s.next().toCharArray()[0];
15. **switch**(x1)
16. {
17. **case** 'a':
18. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the character is vowel");
19. **break**;
20. **case** 'e':
21. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the character is vowel");
22. **break**;
23. **case** 'i':
24. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the character is vowel");
25. **break**;
26. **case** 'o':
27. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the character is vowel");
28. **break**;
29. **case** 'u':
30. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the character is vowel");
31. **break**;
32. **case** 'E':
33. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the character is vowel");
34. **break**;
35. **case** 'A':
36. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the character is vowel");
37. **break**;
38. **case** 'I':
39. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the character is vowel");
40. **break**;
41. **case** 'O':
42. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the character is vowel");
43. **break**;
44. **case** 'U':
45. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the character is vowel");
46. **break**;
47. **default**:
48. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the character is consonant");


52. }
53. }
54. }

**[4](https://www.guvi.in/codekata-level?level=beginner&set=1" \l "collapse4)** [- Checker whether a character is an alphabet or not](https://www.guvi.in/codekata-level?level=beginner&set=1" \l "collapse4)

1. */\* package whatever; // don't place package name! \*/*
3. **import** java.util.\*;
4. **import** java.lang.\*;
5. **import** java.io.\*;
7. */\* Name of the class has to be "Main" only if the class is public. \*/*
8. **class** Ideone
9. {
10. **public** **static** **void** main ([String](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+string)[] args) **throws** java.lang.[Exception](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+exception)
11. {
12. Scanner s=**new** Scanner([System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).in);
13. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("Enter the input");
14. **char** x1=s.next().toCharArray()[0];
15. **if**('a'<=x1 && x1<='z' || 'A'<=x1 && x1<='Z')
16. {
17. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the input is alphabel");
18. }
19. **else**
20. {
21. [System](http://www.google.com/search?hl=en&q=allinurl%3Adocs.oracle.com+javase+docs+api+system).out.println("the input is not alphabet");
22. }
23. }
24. }

**[5](https://www.guvi.in/codekata-level?level=beginner&set=1" \l "collapse5)** [- Find the largest number among three numbers entered by user.](https://www.guvi.in/codekata-level?level=beginner&set=1" \l "collapse5)

/\* package whatever; // don't place package name! \*/

import java.util.\*;

import java.lang.\*;

import java.io.\*;

/\* Name of the class has to be "Main" only if the class is public. \*/

class Ideone

{

public static void main (String[] args) throws java.lang.Exception

{

int x1, x2, x3;

Scanner s=new Scanner(System.in);

System.out.println("Enter the number(1):");

x1=s.nextInt();

//Scanner w=new Scanner(System.in);

System.out.println("/nEnter the number(2):");

x2=s.nextInt();

//Scanner q=new Scanner(System.in);

System.out.println("/nEnter the number(3)");

x3=s.nextInt();

if(x1>=x2 && x1>=x3)

{

System.out.println("first number is large");

}

else if(x2>=x1 && x2>=x3)

{

System.out.println("second number is large");

}

else

{

System.out.println("thried number is large");

}

}

}