1. Write a java program to Second Smallest element in a array.

2. Write a java program to check whether a given number is perfect number or not.

Answers

2. program :

```java
import java.util*;
Class R192011120S
    public static void main (String [] args) {
    Scanner input = new Scanner(System.in);
    int n = input.nextInt();
    int factors = 0;
    for (int i = 1; i<n; i++)
    {
        if (n%i == 0)
            factors = factors+i;
    } if (n == factors)
        System.out.print("It is a perfect number");
    else
        System.out.print("Not a perfect number");
    }
}
```

Output :-

6
It is a perfect number

1. program:-

```
import java.util.*;
class RA92011120{
    public static void main(String [] args){
        Scanner s = new Scanner(System.in);
        int n=s.nextInt();
        int arr[] = new int[n];
        for (int i=0; i<n ;i++){
            arr[i] = s.nextInt();
        }
        Arrays.sort(arr);
        System.out.println("2nd minimum element is :"
                                    + arr[1]);
    }
}
```

// output:

```
5
23
68
9
76
0
```

2nd minimum element is : 9