

1. **Simple Interest** (<https://practice.geeksforgeeks.org/problems/simple-interest3457/1#submission>)

```
class Solution {
public:
    double simpleInterest(int P, int R, int T) {
        double res=(double)(P*R*T)/100.00;
        return res;
        // code here
    }
};
```

2. **Find Largest of N Numbers Easy**
(<https://practice.geeksforgeeks.org/problems/largest-element-in-array4009/1>)

```
class Compute {
public:
    int largest(int arr[], int n)
    {
        int max_n=arr[0];
        for(int i=1;i<n;i++)
            if(max_n<arr[i])
                max_n=arr[i];
        return max_n;
    }
};
```

Find the Highest number (<https://practice.geeksforgeeks.org/problems/find-the-highest-number2259/1#>)

```
class Solution
{
public:
    int findPeakElement(List<Integer> a)
    {
        int l=0;int r=a.size()-1;
        while(l<r)
        {
```

```

        int mid=(l+r)/2;
        if(a.get(mid)>a.get(mid+1))
            r=mid;
        else
            l=mid+1;
    }
    return a.get(l);
}
}

```

3. <https://practice.geeksforgeeks.org/problems/prime-number2314/1>

```

class Solution{
    static int isPrime(int N){
        // code here
        if(N==1)return 0;
        if(N==2)
            return 1;
        for(int i=2;i*i<=N;i++)
        {
            if(N%i==0)
                return 0;
        }
        return 1;
    }
}

```

<https://practice.geeksforgeeks.org/problems/find-prime-numbers-in-a-range4718/1>

ye ques krna baki h

4. <https://practice.geeksforgeeks.org/problems/mean0021/1>

```

class Solution {
    static int mean(int N , int[] A) {
        // code here
        int sum=0;

```

```

        for(int i=0;i<N;i++)
            sum+=A[i];
        return sum/N;
    }
};

```

<https://practice.geeksforgeeks.org/problems/nth-natural-number/1>

ye krna h avi achha ques h

5. <https://www.geeksforgeeks.org/program-to-find-the-roots-of-quadratic-equation/>

```

import java.io.*;
import static java.lang.Math.*;
class Quadratic {

    static void findRoots(int a, int b, int c)
    {
        // If a is 0, then equation is not
        // quadratic, but linear

        if (a == 0) {
            System.out.println("Invalid");
            return;
        }

        int d = b * b - 4 * a * c;
        double sqrt_val = sqrt(abs(d));

        if (d > 0) {
            System.out.println(

```

```

        "Roots are real and different \n");

        System.out.println(
            (double)(-b + sqrt_val) / (2 * a) + "\n"
            + (double)(-b - sqrt_val) / (2 * a));
    }
    else if (d == 0) {
        System.out.println(
            "Roots are real and same \n");

        System.out.println(-(double)b / (2 * a) + "\n"
            + -(double)b / (2 * a));
    }
    else // d < 0
    {
        System.out.println("Roots are complex \n");

        System.out.println(-(double)b / (2 * a) + " + i"
            + sqrt_val + "\n"
            + -(double)b / (2 * a)
            + " - i" + sqrt_val);
    }
}

public static void main(String args[])
{

    int a = 1, b = -7, c = 12;

    findRoots(a, b, c);
}

```

```

    }
}

```

6. <https://practice.geeksforgeeks.org/problems/number-series3015/1>

```

class Solution {
static int findNth(int n){
    // code here

    int temp=0;
    while(n%2==0)
    {
        temp++;
        n/=2;
    }return temp;
}
}

```

7. <https://practice.geeksforgeeks.org/problems/for-loop-primecheck/1>

```

string isPrime(int n)
{
    if(n==1)return "No";
    if(n==2)return "Yes";
    for(int i=2;i<=sqrt(n);i++)
    {
        if(n%i==0)
            return "No";
    }
    return "Yes";
}

```

8. <https://practice.geeksforgeeks.org/problems/lower-case-to-upper-case3410/1>

```

string to_upper(string str){
    //code
    for(int i=0;i<str.size();i++)

```

```
    str[i]=str[i]-32;
    return str;

}
```

Java:

```
class Solution
{
    String to_upper(String str)
    {
        StringBuilder ans =new StringBuilder();
        for(int i=0;i<str.length();i++)
        {
            ans.append((char)(str.charAt(i)-32));
        }
        return ans.toString();
    }
}
```

9. <https://practice.geeksforgeeks.org/problems/reverse-an-array/0#>

```
import java.util.*;
import java.lang.*;
import java.io.*;
```

```
class GFG {
    public static void main (String[] args) {
        //code
        Scanner sc=new Scanner(System.in);
        int t=sc.nextInt();
        while(t-->0)
        {
            int n=sc.nextInt();
```

```

        int arr[]=new int[n];
        for(int i=0;i<n;i++)
        {
            arr[i]=sc.nextInt();

        }
        int i=0,j=n-1;
        while(i<j)
        {
            int temp=arr[i];
            arr[i]=arr[j];
            arr[j]=temp;
            i++;
            j--;
        }
        for(i=0;i<n;i++)
        System.out.print(arr[i]+" ");
        System.out.println();
    }
}

```

10. <https://www.geeksforgeeks.org/fahrenheit-celsius-conversion/>

```

class GFG {
static float Conversion(float n)
{
    return (n - 32.0f) * 5.0f / 9.0f;
}

public static void main(String[] args) {
    float n = 40;
    System.out.println(Conversion(n));
}
}

```

```
}  
}
```

11. <https://practice.geeksforgeeks.org/problems/celsius-to-fahrenheit-conversion5212/1#>

```
class Solution{  
    static double celciusToFahrenheit(int C) {  
        // code here  
        double f = (((C * 9.0)/ 5.0) + 32);  
        return f;  
    }  
}
```