

```
EXPLORER
...
J Main.java

UNTITLED (WORKSPACE)
C
  .vscode
  java
    J Main.java
    Airport.c
    Airport.exe
    colour_changing.exe
    First.exe
    numbersystem.c
    numbersystem.exe

C > java > J Main.java > Main
1 class Main {
2     public static void main(String[] args) {
3         System.out.println(x: "My name is Ahmed Zia\nI am 21 Years Old\nI live in Abbottabad");
4     }
5 }
```

```
J Main.java
C > java > J Main.java > Main
1 import java.util.Scanner;
2 class Main {
3     public static void main(String[] args) {
4         System.out.println(x: "Enter A Number");
5         Scanner sc = new Scanner(System.in);
6         int num=sc.nextInt();
7         if(num%2==0){
8             System.out.println(num+ " Is Even");
9         }
10        else if(num%2!=0){
11            System.out.println(num+ " Is Odd");
12        }
13    }
14 }
```

```
C > java > J Main.java > ...
1 import java.util.Scanner;
2 class Main {
3     public static void main(String[] args) {
4         Scanner sc = new Scanner(System.in);
5         System.out.println(x: "Choose Operation +,-,*,/");
6         char operation=sc.next().charAt(index:0);
7         System.out.println(x: "Enter Numbers");
8         int num1=sc.nextInt();
9         int num2=sc.nextInt();
10        if(operation=='+'){
11            System.out.println((num1+num2)+ " Is the Sum");
12        }
13        else if(operation=='-'){
14            System.out.println((num1-num2)+ " Is the Difference");
15        }
16        else if(operation=='*'){
17            System.out.println((num1*num2)+ " Is the Product");
18        }
19        else if(operation=='/'){
20            System.out.println((num1/num2)+ " Is the Quotent");
21        }
22        else{
23            System.out.println(x: "Invalid Operand");
24        }
25    }
26 }
```

```

import java.util.Scanner;
class Main {
    Run | Debug
    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        System.out.println(x:"Enter Temp In Celsius");
        Float temp=sc.nextFloat();
        float farhenheit=((9/5)*temp)+32;
        System.out.println(farhenheit +" Is temp in Farhenheit");
    }
}

```

```

C > java > J Main.java > ...
1
2 import java.util.Scanner;
3 class Main {
    Run | Debug
4     public static void main(String[] args) {
5         Scanner sc = new Scanner(System.in);
6         System.out.println(x:"Enter Three Numbers");
7         int num1=sc.nextInt();
8         int num2=sc.nextInt();
9         int num3=sc.nextInt();
10        if(num1>num2 && num1>num3){
11            System.out.println(num1 +" Is The Largest");
12        }
13        else if(num2>num3){
14            System.out.println(num2 +" Is The Largest");
15        }
16        else{
17            System.out.println(num3 +" Is The Largest");
18        }
19    }
20 }
21

```

C > java > J Main.java > ...

```
1
2 import java.util.Scanner;
3 class Main {
4     Run | Debug
5     public static void main(String[] args) {
6         Scanner sc = new Scanner(System.in);
7         System.out.println(x:"Enter Number 1-7");
8         int op=sc.nextInt();
9         switch(op){
10             case 1:
11                 System.out.println(x:"Sunday");
12                 break;
13             case 2:
14                 System.out.println(x:"Monday");
15                 break;
16             case 3:
17                 System.out.println(x:"Tuesday");
18                 break;
19             case 4:
20                 System.out.println(x:"Wednesday");
21                 break;
22             case 5:
23                 System.out.println(x:"Thursday");
24                 break;
25             case 6:
26                 System.out.println(x:"Friday");
27                 break;
28             case 7:
29                 System.out.println(x:"Saturday");
30                 break;
31             default:
32                 System.out.println(x:"Invalid I/P");
33                 break;
34         }
35     }
36 }
```

```
C > java > J Main.java > ...
1
2 import java.util.Scanner;
3 class Main {
4     Run | Debug
5     public static void main(String[] args) {
6         Scanner sc = new Scanner(System.in);
7         System.out.println(x:"Welcome To Grade Calculator");
8         System.out.println(x:"Enter Quiz Marks out of 15");
9         int quiz=sc.nextInt();
10        System.out.println(x:"Enter Assignment Marks out of 10");
11        int assignment=sc.nextInt();
12        System.out.println(x:"Enter Midterm Marks out of 25");
13        int midterm=sc.nextInt();
14        System.out.println(x:"Enter FinalTerm Marks out of 50");
15        int finalterm=sc.nextInt();
16        int total=quiz+assignment+midterm+finalterm;
17        float average=total;
18        System.out.println("Total Marks =" + total);
19        System.out.println("Average="+ average);
20        char grade;
21        if(total>=85){
22            grade='A';
23        }
24        else if(total>=70){
25            grade='B';
26        }
27        else if(total>=50){
28            grade='C';
29        }
30        else {
31            grade='F';
32        }
33        System.out.println("Grade="+grade);
34    }
```

```

> java -J Main.java > ...
1  import java.util.Scanner;
2  class Main {
3      Run | Debug
4      public static void main(String[] args) {
5          Scanner sc = new Scanner(System.in);
6          System.out.println(x:"Welcome To Pizza Rest");
7          System.out.println(x:"Enter Pizza Size");
8          System.out.println(x:"1-Small");
9          System.out.println(x:"2-Medium");
10         System.out.println(x:"3-Large");
11         String size=sc.next();
12         int price=0;
13         String pepperoni;
14         String cheese;
15         switch (size){
16             case "Small":
17                 price=100;
18                 System.out.println(x:"Do you Want Peperoni?");
19                 pepperoni=sc.next();
20                 if(pepperoni.equalsIgnoreCase(anotherString:"Yes")){
21                     price+=30;
22                 }
23                 System.out.println(x:"Do you Want Extra Cheese?");
24                 cheese=sc.next();
25                 if(cheese.equalsIgnoreCase(anotherString:"Yes")){
26                     price+=20;
27                 }
28                 break;
29             case "Medium":
30                 price=200;
31                 System.out.println(x:"Do you Want Peperoni?");
32                 pepperoni=sc.next();
33                 if(pepperoni.equalsIgnoreCase(anotherString:"Yes")){
34                     price+=50;
35                 }
36                 System.out.println(x:"Do you Want Extra Cheese?");
37                 cheese=sc.next();
38                 if(cheese.equalsIgnoreCase(anotherString:"Yes")){
39                     price+=20;
40                 }
41                 break;
42             case "Large":
43                 price=300;
44                 System.out.println(x:"Do you Want Peperoni?");
45                 pepperoni=sc.next();
46                 if(pepperoni.equalsIgnoreCase(anotherString:"Yes")){
47                     price+=50;
48                 }
49
50                 System.out.println(x:"Do you Want Extra Cheese?");
51                 cheese=sc.next();
52                 if(cheese.equalsIgnoreCase(anotherString:"Yes")){
53                     price+=20;
54                 }
55                 break;
56                 default :
57                     System.out.println(x:"Enter Correct Size With First letter Caps");
58                 }
59                 System.out.println("Your Bill is....."+price+"$");
60             }
61         }

```