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**Arrays**

**package com.simple.hearing;**

**import java.util.\*;**

**public class Calculator{**

**public static void main(String []args){**

**int a,b,choice;**

**float result=0;**

**//scanner class object to read values**

**Scanner sc=new Scanner(System.in);**

**System.out.print("Enter first number: ");**

**a=sc.nextInt();**

**System.out.print("Enter second number: ");**

**b=sc.nextInt();**

**System.out.print("\n1: Addition.\n2: Subtraction.");**

**System.out.print("\n3: Multiplication.\n4: Divide.");**

**System.out.print("\n5: Remainder.\n6: Exit.");**

**System.out.print("\nEnter your choice: ");**

**choice=sc.nextInt();**

**switch(choice)**

**{**

**case 1:**

**result=(a+b); break;**

**case 2:**

**result=(a-b); break;**

**case 3:**

**result=(a\*b); break;**

**case 4:**

**result=(float)((float)a/(float)b); break;**

**case 5:**

**result=(a%b); break;**

**default:**

**System.out.println("An Invalid Choice!!!\n");**

**}**

**if(choice>=1 && choice<=5)**

**System.out.println("Result is: " + result);**

**}**

**}**

OUTPUT

Enter first number: 2

Enter second number: 4

1: Addition.

2: Subtraction.

3: Multiplication.

4: Divide.

5: Remainder.

6: Exit.

Enter your choice: 1

Result is: 6.0