

Assignment - it

Name - Archit Srivastava Course - BTech. CSF Cyber Security ROU NO - 2401410009 import java-util-Scanner; class calculator { Public int add (int a, int b) { veturn a+b; public double add (double a , double b) { return a+b public int add (int a, int b, int c) {

public int Subtrait (into, int b) &

?

public double multiply (double a, double b) {



public double divide (int o, int b) { Systemput. println ("Error: Division by zero is not allows); return (double) a/b; class Interface { Scanney Sc = new Scanney (System in) i Calculator calc = new calculator (); public void penformAddition() { System out println ("Choose Addition type"); ystem. Dut. smith ("1. Add two integers"); stem.out. println ("2. Add two double"); System. out. println ("3. Add -three integers"); System out printly ("Enter your choice"); eint choice = Sco. nextlintes; Switch (choice) { case 1: System out privil ("Enten ille First integer"); int at = sc nextInt(); System. out. print ("Enten the secound intèger"); int ba = sc. nextIntes; System.outpoint ("Result" + calcadd (int ar, int b)); break;



Couse 2: System.out. print ("Enter the first double"); int az = sc. nextlutes; Systèment print ("Enter the secound double"); int be = schentint(); Syxlamoul print ("Result" + cale add (02, ant 62); Coese 3: Systemout, print l'Enter the first integer"); Yout a3 = sc nextlates; System.out. print ("Enten the Feround integer"); int 63 = sinextlutis; Systemout print ("Enter the third integer"); int c3 = sc next Int (); System out, print ("Result" + calc. add fort 013, int 62, int c3); System.out. printly ("Invalid choice!"); public void peyform Subtration () } System out print (" Enter the first digit"); int a = scnextintes; System out print "Enter the secound digit");
int b = sc. nentlint(s; System.out. pointln ("Result" + cale, subtract (ant a, int b);



Perform vo perform Multiplication () { System out, print ('Enter the first integer'); int a = sc.nextintu; System out print ("Enter the seround integer"); int b = Sc. next (utc); System. out. println ("Result" + cale multiply (a, b)); public void performDivision CSE Sgelemont Point ("Enter the first integer"); int a = scnextlut(); Systemon Print ("Enter the secound integer"); int b = Schentlutes; System.out. println ("Result" + caledivide (a, b)); public void mainMenu U.S. de indeployee; System out Println ("Forter 1. Add number"); System.out. println (" 2. Subtract number"); System.out println ("3. Multiply number"); System.out. Printly ("4. Divide number"); plem.out.println("S. Erit"); Systèmout printe ("Enter your choice"); int choice = sc.nextintes; Switch (choice) { couse 1: \$ perform Addition();

DELTA Notebook

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case 2:
                     perilormSubtraction();
break:
                Case 3:
                    performMultiplication();
break;
               Case 4:
                   performbivision();
breaki
               Case 5:
                   Systemon println ("Exiting calculator");
                   System. out. println [ "Invalid choice: ");
     while (choice !=5);
Public élàtic void main (string[] a) {

Proteglace call = new Interface();

call mainHenn();
```