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/*Aim: WAP to design menu driven calculator using switch and goto.
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 #include<stdio.h>
int main()
 {float num1, num2, result;
 int mod_result;
 char operator;
 printf("\t\t**CALCULATOR**\n\n");
 printf("Operators:\n");
printf("+: Addition\n");
 printf(" Subtraction\n");
 printf("*: Multiplication\n");
printf("/: Division\n");
 printf("%: Modulus\n");
 repeat:
 printf("Enter First Number=");
 scanf("%f",&num1);
 printf("Enter Second-Number"); scanf("%f", &num2);
 printf("Enter Operator="); scanf("%c", &operator);
 switch(operator)
{ case '+':
 result-num1+num2;
 printf("%f+%f%f", num1, num2, result); break;
 case '-:
 result-num1-num2;
 printf("%f-%f%f", num1, num2, result); break;
 case:
 result-num1 num2;
```

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 printf("%f %f%f", num1, num2, result);
break;
 case '/':
 if(num2==0)
 { printf("Cannot Divide by ZERO");
 break; }
result-num1/num2;
 printf("%f/%f%f", num1, num2, result);
 break;
 case '%':
 result=(int)num1%(int)num2;
 printf("%f%f-%d", num1, num2, mod_result);
break;
 default:
 printf("Invalid Operator. Try Again.");
break;
}
 printf("\n Continue? (Y/N):");
 scanf("%c", &operator);
 if(operator== 'N' || operator=='n")
 { printf("Thankyou for Using Calculator");
 return 0; }
 printf("\n\n"); goto repeat;
 return 0; }
**CALCULATOR**
 Operators:
 + : Addition
 - :Subtraction
 X : Multiplication
 / : Division
 % : Modulus
```

Enter First Number-2.4

Enter Second Number-4.2

Enter Operator-+ 2.400000+4.200000-6.600000

Continue? (Y/N):Y

Enter First Number-3.5

Enter Second Number-5.3

Enter Operator-* 3.500000*5.300000-18.550001

Continue? (Y/N):N

Thankyou for Using Calculator execution time: 39.519 s

Process returned 0 (0x0) Press any key to continue.