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| #include <stdio.h>  #include <stdlib.h>  #include <math.h>  #include <conio.h>  double function\_hyp(double s1,double s2)  {  double result;  double h;  h=(s1\*s1)+(s2\*s2);  result=sqrt(h);  printf("\nHypotenuse is %lf\n",result);  }  //  int smallest\_number(int x,int y,int z)  {  int smallest;  if(x<y && y<z)  {  smallest=x;  }  if(y<x && x<z)  {  smallest=y;  }  if(z<x && x<y)  {  smallest=z;  }  else if(x==y && y==z)  {  printf("\nAll the numbers are equal\n");  }  else {printf("\nThe smallest number is %d\n",smallest);}  }  //  double calculator(double num1, double num2, char Operator)  {  switch(Operator)  {  case '+':  printf("\nThe sum of two number is %lf\n",num1+num2);  break;  case '-':  printf("\nThe subtraction of two number is %lf\n",num1-num2);  break;  case '/':  printf("\nThe division of two number is %lf\n",num1/num2);  break;  case '%':  printf("\nThe modulus of two number is %d\n",(int)num1%(int)num2);  break;  case '\*':  printf("\nThe multiplication of two number is %lf\n",num1\*num2);  break;  default :  printf("\nEnter the valid operator");  }  }  //  int main()  {  double s1,s2,num1,num2;  char operato\_r,menu,i;  int x,y,z;  while(i!='N' && i!='n')  {  printf("\n------------LIST------------\n");  printf("\n----CHOOSE FROM THE LIST----\n");  printf("\nPress C for BasicCalculator Function\n");  printf("\nPress S for Smallest No. Function\n");  printf("\nPress H for Hypotenuse Function\n");  menu=getche();  system("cls");  switch(menu)  {  case 'C':  case 'c':  printf("\nEnter the operator of the operation you want to perform: ");  operato\_r=getche();  printf("\nEnter the first number : ");  scanf("%lf",&num1);  printf("\nEnter the second number : ");  scanf("%lf",&num2);  calculator(num1,num2,operato\_r);  break;  case 'H':  case 'h':  printf("\nEnter the first side of the triangle : ");  scanf("%lf",&s1);  printf("\nEnter the second side of the triangle : ");  scanf("%lf",&s2);  function\_hyp(s1,s2);  break;  case 'S':  case's':  printf("\nEnter the first number : ");  scanf("%d",&x);  printf("\nEnter the second number : ");  scanf("%d",&y);  printf("\nEnter the third number : ");  scanf("%d",&z);  smallest\_number(x,y,z);  break;  default:  printf("\n You have entered a wrong Button, Please read the List Carefully. \n");  }  printf("\nDo you wish to use the program again? Press 'Y' if Yes or Press 'N' if No.\n");  i=getche();  system("cls");  }  return 0;  } |