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| --- |
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|  |  | using namespace std; |
|  |  |  |
|  |  | void mikay(){ |
|  |  | float grade1, grade2, grade3, grade4; |
|  |  | cout << "COMPUTE THE AVERAGE\n"; |
|  |  | cout << endl; |
|  |  | cout << "Enter your grade in English: "; |
|  |  | cin >> grade1; |
|  |  | cout << "Enter your grade in Math: "; |
|  |  | cin >> grade2; |
|  |  | cout << "Enter your grade in Science: "; |
|  |  | cin >> grade3; |
|  |  | cout << "Enter your grade in Filipino: "; |
|  |  | cin >> grade4; |
|  |  |  |
|  |  | float ave = (grade1 + grade2 + grade3 + grade4)/4; |
|  |  | cout << "Your average is: " << ave; |
|  |  | cout << endl; |
|  |  | if(ave >= 75){ |
|  |  | cout << "You passed!"; |
|  |  |  |
|  |  | } |
|  |  | else |
|  |  | cout << "You failed!"; |
|  |  |  |
|  |  | cout << endl; |
|  |  | system("pause"); |
|  |  | system("cls"); |
|  |  | } |
|  |  |  |
|  |  | void kyle(){ |
|  |  | int num1, num2; |
|  |  | char ope; |
|  |  | cout << "CALCULATOR\n"; |
|  |  | cout << endl; |
|  |  | cout << "Enter a number: "; |
|  |  | cin >> num1; |
|  |  |  |
|  |  | cout << "Enter a numer: "; |
|  |  | cin >> num2; |
|  |  |  |
|  |  | cout << "Choose operator: "; |
|  |  | cin >> ope; |
|  |  |  |
|  |  | if(ope == '+'){ |
|  |  | int sum = num1 + num2; |
|  |  | cout << "Sum: " << sum; |
|  |  | } |
|  |  | if(ope == '-'){ |
|  |  | int sub = num1 - num2; |
|  |  | cout << "Sub: " << sub; |
|  |  | } |
|  |  | if(ope == '\*'){ |
|  |  | int diff = num1 \* num2; |
|  |  | cout << "Sum: " << diff; |
|  |  | } |
|  |  | if(ope == '/'){ |
|  |  | int quo = num1 / num2; |
|  |  | cout << "Sum: " << quo; |
|  |  | } |
|  |  | cout << endl; |
|  |  | system("pause"); |
|  |  | system("cls"); |
|  |  | } |
|  |  |  |
|  |  | int main(){ |
|  |  | int op; |
|  |  | do{ |
|  |  | cout<<"Data Structure And Algorithm"<<endl; |
|  |  | cout << "OPTIONS\n"; |
|  |  | cout << "[1] DELA CERNA SCENARIO\n"; |
|  |  | cout << "[2] ABECILLA SCENARIO\n"; |
|  |  | cout << "[3] Exit\n"; |
|  |  | cin >> op; |
|  |  |  |
|  |  | switch(op){ |
|  |  | case 1: |
|  |  | system("cls"); |
|  |  | jacob(); |
|  |  | break; |
|  |  |  |
|  |  | case 2: |
|  |  | system("cls"); |
|  |  | kyle(); |
|  |  | break; |
|  |  |  |
|  |  | case 3: |
|  |  | cout << "Thank you! :)"; |
|  |  | break; |
|  |  |  |
|  |  | default: |
|  |  | cout << "Invalid Input\n"; |
|  |  | system("pause"); |
|  |  | system("cls"); |
|  |  | cout << endl; |
|  |  |  |
|  |  |  |
|  |  | } |
|  |  |  |
|  |  | }while(op != 3); |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  | } |