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Aim White and execute two programs using nested if , else and switch statement.

Theory:

Switch statement:

A switch statements allows a variable to be tested against several values for equality. Each of those values is called a case. Once a matching case is found, its particular block of code is executed. It is an alternative to the more common if-else statement.

Nested if-else:

if-else is used. Nesting means using one if-else construct within another one.

Code:

1. To select the suspective case statement depending upon the value of a character as given. If no statement is selected then the program should print, "No search found", H=Hockey, C= Guicket, B=Ball, F= Football, T=Tennis. (Switch statement)

include < String. h>

include < conjo.h >

int main () {

printf(" The codes for sports are: \n\t H= Hockey \n\t C=Cricket

In\t B=Ball \n\t F=Football \n\t T = Tennis.");

printf("Enter your Favourite Sport's code!"); char choice = getchar();

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Switch (choice) {
      case 'H':
       printf ("You selected Hockey");
       break;
      case 'C':
        printf (" You selected bucket ");
       break;
      case 'B':
       printf (" You selected Ball");
        break;
       case 'F':
       print F (" You selected football");
       break;
      case 'T':
       printf (" You selected Tennis");
       break;
     default:
         printf ("No Search Found");
       break;
        3
2. To calculate the gross salary (gs) which is the combination of base
  salary (bs), daily allowance (da) and thouse not allowance (hra)
 from the data given If the bosic salary is more than 1500 than
hra = 500 and da = 10-1. of bs, else hraz 300 and da = 51. of bs.
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# in clude (stdio.h >
       # include < conio. h >
         int main () {
            int as, bs, bra;
           float gs, da;
          printf (" Enter your basic Salary");
          Scanf (" 1.d", 1 bs);
           if (bs71500) {
            hra = 500;
              da = bs * 0.1;
            gs = bs + da + hea;
          else {
          hya = 300;
            da = bs * 0.0s;
             gs: bs +da+hra;
            3 3
        printf (" The grow salary is 1.2 ", 95);
Conclubion: So, I wrote the two codes using nested if else and switch
          statements respectively
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