

Calculating daily calories for a week, only 4 meals a day can be taken from user (breakfast, lunch, dinner, snacks).

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#include <stdio.h>

#include <stdlib.h>

int dailyTotal (int breakfastcals, int lunchcals, int dinnercals, int snackscals);

int main()
{
    int mealnum, breakfastcals, lunchcals, dinnercals, snackscals;

    int daycount=0;

    while (daycount<=6){

        printf("\n How many meals have you had today?\n");

        scanf("%d", &mealnum);

        daycount++;

        if (mealnum==1)
        {
            printf("Enter breakfast calories\n ");

            scanf("%d", &breakfastcals);

            int y= dailyTotal(breakfastcals, lunchcals, dinnercals, snackscals);

            printf("The total of daily calories is:%d\n", y);

        }

        else if (mealnum==2)

        {

            printf("Enter breakfast calories\n ");

            scanf("%d", &breakfastcals);
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printf("Enter lunch calories\n");

scanf("%d", &lunchcals);

int y= dailyTotal(breakfastcals, lunchcals, dinnercals, snackscals);

printf("The total of daily calories is:%d\n", y);
}

else if (mealnum==3)

{

printf("Enter breakfast calories\n ");

scanf("%d", &breakfastcals);

printf("Enter lunch calories\n");

scanf("%d", &lunchcals);

printf("Enter dinner calories\n");

scanf("%d", &dinnercals);

int y= dailyTotal(breakfastcals, lunchcals, dinnercals, snackscals);

printf("The total of daily calories is:%d\n", y);

}

else if (mealnum==4)

{

printf("Enter breakfast calories\n ");

scanf("%d", &breakfastcals);

printf("Enter lunch calories\n");

scanf("%d", &lunchcals);

printf("Enter dinner calories\n");

scanf("%d", &dinnercals);

printf("Enter snacks calories\n");

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scanf("%d", &snackscals);

int y= dailyTotal(breakfastcals, lunchcals, dinnerccals, snackscals);

printf("The total of daily calories is:%d\n", y);

}

else

printf("Invalid meal number, the program only accepts 4 meals a day\n");

}

printf("No more days available\n");

return 0;

}

int dailyTotal (int breakfastcals, int lunchcals, int dinnerccals, int snackscals){

int sumofcals= breakfastcals+lunchcals+dinnerccals+snackscals;

return sumofcals;

}
```