Run Around

CCPROG1 Coursework 1

The objective of the homework is to run a given code sample and see its output.

- A code sample is found in the question part of the canvas page or the second page of this document.
  - Copy the code sample and paste it into a c file.
  - Compile the C file and input what is requested (student's ID number).
  - Look at the result and select the corresponding choice in the canvas page.
- Run the code sample preferably in an offline compiler.
  - Note: This will serve as a good practice for you to see if you have installed your compiler correctly.
- Input one's ID number in the prompt as asked by the program.
- Select the resulting message in the canvas questions
  - Go to: Assignments > Course Activities: Homework > CW1: Run Around
  - Select the correct answer from the choices

Submission Details

- Submit the results into the canvas page:
  - https://dlsu.instructure.com/
- This activity is worth 20 points
  - The computation is subject to change, please ask the teacher to confirm the grade breakdown.

```c
#include <stdio.h>

int getZeroPad(int nPad){
      int nRet = 1;
      while(nPad>1){
      nRet*=10;
      nPad--;
      }//end while
      return nRet;
}

int main(){
      int nId, nPad, nMonth;
      printf("Type your id Number: ");
      scanf("%d",&nId);

      for(nPad=1,nMonth=0;nId>getZeroPad(nPad);nPad++){
      nMonth += nId/getZeroPad(nPad)%10*nPad;
      }//end for

      switch(12-nMonth){
      default: printf("January\n");   break;
      case 2:  printf("February\n");  break;
      case 3:  printf("March\n");     break;
      case 4:  printf("April\n");     break;
      case 5:  printf("May\n");       break;
      case 6:  printf("June\n");      break;
      case 7:  printf("July\n");      break;
      case 8:  printf("August\n");    break;
      case 9:  printf("September\n"); break;
      case 10: printf("October\n");   break;
      case 11: printf("November\n");  break;
      case 12: printf("December\n");  break;
      }//end switch

      return 0;
}//end main
```