# CSE 110 Computer Programming Sessional

Practice Problems (Week 4)

Subtopics: Data types, constants and variables, operators and expressions,

type conversion, branching, for loops.

1. Write a program that takes as input an integer n and prints out the sum of integers from 1 to n. Here, .

n=20 n=100 n=2147483647

1. Know about precedence and associativity. Follow this [link](https://caligari.dartmouth.edu/doc/ibmcxx/en_US/doc/language/ref/ruclxop.htm).
2. Comment about the output of the following code snippet.

|  |
| --- |
| int main(){  unsigned int i=10;  if(i>-1){  printf("Yes");  }  else printf("No");  } |

1. Write a C program that takes a real number and prints the ceiling of that number up to n digits.
2. Assume that you are given 2 two-digit numbers. Read each of the digits as characters and print out the summation of the two numbers.
3. Write a C program that takes as input the date of birth of two persons and prints weather the first person is older that the second one.
4. Write a C program that takes a real number and prints the ceiling of that number.
5. Write a C program that takes a real number and rounds the number and prints the rounded value