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**CS1313 Homework #1**

1. Compiler – Translates higher level language into machine language so a machine can execute it

Interpreter – Analyzes and executes the higher level language at the same time

1. Testing…….1…2..3

//Corrected C program from HW 1

#include <stdio.h>

int main(void)

{

int sum;

//Compute Result

sum = 25 + 37 -19;

//Display Result

printf("The answer is %i\n",sum);

return 0;

}

1. Invalid Variable names:
   1. char: c compiler keyword
   2. 6\_05: starts with a number
   3. A$: special character