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    COP 3223 C

    Assignment 5

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#include <stdio.h>

int main()

{

    int first, second, third, fourth, sum, total;

    sum = 0;

    total = 0;

    // Part 1

    printf("Part 1\n");

    for (first = 5; first < 60; first += 5)

    {

        printf("\n%d", first);

    }

    printf("\n\n\n");

    // Part 2

    printf("Part 2\n");

    for (second = 2\*7; second < 200; second += 2\*7)

    {

        printf("\n%d", second);

    }

    printf("\n\n\n");

    // Part 3

    printf("Part 3\n");

    for (third = 8\*13; third > 100 && third < 500 ; third += 8) // 8 \* 13 is the number that is a multiple of 8 that is greater than 100

    {

        sum = sum + third;

    }

    printf("Sum is: %d\n", sum);

    printf("\n\n\n");

    // Part 4

    printf("Part 4\n");

    for (fourth = 21; fourth > 20 && fourth < 100 ; fourth += 2) // 21 is the next odd number after the int 20

    {

        total = total + fourth;

    }

    printf("Sum is: %d\n", total);

    printf("\n");

}

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