

# Assignment 1 - C Programming

## Question 1

What are the values of the following C expressions?

1. `5 * ' '`
2. `32 / 8 + 8`
3. `y = ( 1 + 2 ) == ( 4 - 1 )`
4. `x = 1 != 2 + 3`
5. `6 <= 4 + 5 / 2`

## Question 2

What will be printed when the following program is run?

```
main()
{
    int i ;
    i = 0 ;
    while ( i < 7 ) {
        i = i + ( i == 4 ) + 2 ;
        printf ( "%d\n", i ) ;
    }
}
```

## Question 3

Write a (complete) C program that prints all numbers between 16 and 64 that are multiples of 4 except for those numbers that are between 32 and 48 inclusive. Use one (and only one) `while` loop in your program.