## ICS Homework 1

September 24, 2021

## 1 Conversion

Fill the table below:

Binary	Hexadecimal	Decimal
11111100101	0x7E5	2021
1000000000001	0x2021	8225
100110111100	0x9BC	2492

## C program $\mathbf{2}$

What will the following program print?

```
#include <stdio.h>
2
3
  #define N 1+1+1
4
5
  int main() {
6
       printf("N is %d, N^2 is %d\n", N, N * N);
7
       return 0;
  }
                                        = 5
```

## 3 Bit operations

Give two 8-bits wide numbers A=0x6A and B=0x5F. Calculate the values of the following expressions. A=1101010 B=1011111