

## CS 256 Quiz 4, 26 October 2017

**Problem 0.1** Write a main function that computes the average of even numbers between 1 and 2017.

**Question 0.2** What is the output of the following code ?

```
int A[4][3]={ {1, -1, 2}, {3, 4, -5}, {1, -1, 10}, {2, 3, -7} } ;
int *P[3];
int i,j;
for (i=0; i < 3; i++)
    P[i]=Array[i];
for (i=0; i < 3; i++)
    A[i][0]=*(P[i]+2);
for (i=0; i < 4; i++)
    printf(“%d%c”,A[i][0],’,’);
```

**Question 0.3** What is the out-put of function *Funct* for  $n=2017$  ?

```
void Funct( int n) {
    if( n==0 ) {
        printf(“0”);    return;
    }
    if( n==1) {
        printf(“1 “);    return;
    }
    Funct(n/2);
    if( n %2 ) printf(”1 “);
    else    printf(“0 “);
} ?
```