

CSC225: Assignment 4

Assembly Programming using IAS Instruction Set

1. Transform into assembly:

```
main () {  
    int i , J , x = 0;  
    for (i =0;i<=5; i++) {  
        for (J =0;J<=10; J++) {  
            if (i == J) {  
                x = x +i;  
            }  
        }  
    }  
}
```

2. Write a program that has two integer numbers A=10 and B=2. If one of these numbers is multiple of the other one set a variable named X to 1 if not set X to