

**Name:**

**Id#**

**COE 205, Term 021**  
**Computer Organization & Assembly Programming**

**Quiz# 4**

Date: Monday, Nov. 18, 2002

**Q1.** Determine the content of register AX after executing the following program:

```
XOR AX, AX
MOV CX, 6
Next: INC AX
      DEC CX
      LOOP Next
```

**Q2.** Write an assembly program to read a single character and do the following:

If the character is equal to Y or y print YES and if the character is equal to N or n print NO and terminate the program in both cases, otherwise read another character.