**Lab 4**

**Assembly Language**

1. Write a program that lets the user enter time in seconds, up to 65535, and outputs the time as hours, minutes, and seconds. Use INDEC and OUTDEC to do the I/O. (**LAB41.ASM)**

**INPUT** 65535

**OUTPUT** 18 12 15

1. Write a program to take a number of cents C, 0 ≤ C ≤ 99, and express C as half-dollars, quarters, dimes, nickels, and pennies. Use INDEC to enter C. **(LAB42.ASM)**

1 half-dollar = 50 cents

1 quarter = 25 cents

1 dime = 10 cents

1 nickel = 5 cents

1 penny = 1 cent

**INPUT** 99

**OUTPUT** 1 1 2 0 4