**MID TEST**

**TESTING AND SYSTEM IMPEMENTATION**

**Saturday, 26th April 2014**

**07:00 hingga 09:30**

1. Why we must do testing? Give your reason!
2. Draw flow graph and calculate its cyclomatic complexity from algorithm below :

main ()

{

int c, n1, nw, nc, state;

state = OUT;

n1 = nw = nc = 0;

while ((c = getchar()) !=EOF

{

++nc;

if (c == ‘\n’)

++n1;

if (c == ‘ ‘)

state = OUT;

else if (state == OUT)

{ state = IN;

++nw; }

}

}

1. Write all posibility of its independents path (see A).