F28HS2 Hardware Software Interface
Laboratory 4

Write and test assembly language programs to:

A) calculate ax^2+bx+c:

```
int x,a,b,c,y;
a = 1;
b = 2;
c = 1;
x = 3;
y = a*x*x+b*x+c;
```

B) find x^y:

```
int p,x,y;
x = 5;
y = 6;
p = 1;
while(y>0)
{   p = p*x;
    y = y-1;
}
```