

F28HS2 Hardware Software Interface Tutorial 5

Write assembly language programs to:

A) reverse array A into array B:

```
int MAX = 100;
int a[MAX];
int b[MAX];
int i;
for(i=0;i<MAX;i++)
    b[i] = a[MAX-i-1];
```

B) reverse an array A into itself:

```
int MAX = 100;
int a[MAX];
int i;
int t;
for(i=0;i<MAX/2;i++)
{
    t = a[MAX-i-1];
    a[MAX-i-1] = a[i];
    a[i] = t;
}
```