#include<stdio.h>

int main()

{

int a[]={1,2,3,3,5};

float f;

int i;

for(i=0;i<5;i++)

{

f = f + 1\*(a[i]-i);

}

printf("float: %f\n", f);

return 0;

}

Write same thing with do while loop:

Questions:

1. Read the value of the current program status register (CPSR) at the following instances in the above code.

* Addition. (3 marks)
* Conditional branch at loop entry. (3 marks)
* Conditional branch at loop exit. (4 marks)
* Observe and note the values of flags N, Z, C, V bits during the execution of above cases