1. What will be the output of the following C code?

#include <stdio.h>

int main()

{

int a[5] = {1, 2, 3, 4, 5};

int i;

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

if ((char)a[i] == '5')

printf("%d\n", a[i]);

else

printf("FAIL\n");

}

a) The compiler will flag an error

b) The program will compile and print the output 5

c) The program will compile and print the ASCII value of 5

d) The program will compile and print FAIL for 5 times

ans-a

2. What will be the output of the following C code?

#include <stdio.h>

int main()

{

int a[5] = {1, 2, 3, 4, 5};

int i;

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

if ((char)a[i] == '5')

printf("%d\n", a[i]);

else

printf("FAIL\n");

}

a) The compiler will flag an error

b) The program will compile and print the output 5

c) The program will compile and print the ASCII value of 5

d) The program will compile and print FAIL for 5 times

ans-b