5. Write a program that prints all the numbers of base 16 in lowercase, followed by a new line.

• You can only use the putchar function (every other function (printf, puts, etc…) is

forbidden)

• All your code should be in the main function

• You can only use putchar three times in your code

Answer.

#include <stdio.h>

int main(void)

{

int x;

for(x=0; x<=15; x++)

{

if (x<10)

{

putchar(x + '0');

}

else

{

putchar(x - 10 + 'a');

}

}

putchar('\n');

return 0;

}