//Diga cuál sería la salida del siguiente programa:

#include<stdio.h>

#include<stdlib.h>

int main(int argc, char\*\* argv) {

char seronoser[ ][6]={"par\_\_","impar"};

char cadena[ ]={0x48, 0x6f, 0x6c, 0x61, 0x20, 0x00};

unsigned char i=128;

union un{

unsigned char caracteres[2];

unsigned short int entero;

}x,\*aux;

printf("%s \n",cadena);

for(i=128;i>0;i=i>>1){

if(i&cadena[0])

printf("1");

else

printf("0");

}

printf("\n");

cadena[0]=0xff;

cadena[0]=cadena[0]^15;

for(i=128;i>0;i=i>>1){

if(i&cadena[0])

printf("1");

else

printf("0");

}

printf("\n");

printf("%02x \n",(unsigned char)cadena[0]);

printf("%d es %s \n",(unsigned char) cadena[0], seronoser[cadena[0]&1]);

x.caracteres[0]=0;

x.caracteres[1]=1;

printf("x.caracteres[0]= %02X x.caracteres[1]= %02X x.entero= %04X x.entero= %d

\n",x.caracteres[0],x.caracteres[1],x.entero,x.entero);

x.caracteres[0]=1;

x.caracteres[1]=0;

printf("x.caracteres[0]= %02X x.caracteres[1]= %02X x.entero= %04X x.entero= %d

\n",x.caracteres[0],x.caracteres[1],x.entero,x.entero);

aux=(union un\*)cadena;

printf("aux.caracteres[0]= %02X aux.caracteres[1]= %02X aux.entero= %04X \n",

aux->caracteres[0],aux->caracteres[1],aux->entero);

return 0;

}

