

```
1  #include <stdio.h>
2  int main(void)
3  {
4      //variable declarations
5      int i, j, c;
6
7      //code
8      printf("\n\n");
9
10     i = 0;
11     while (i < 64)
12     {
13         j = 0;
14         while (j < 64)
15         {
16             c = ((i & 0x8) == 0) ^ ((j & 0x8) == 0);
17
18             if (c == 0)
19                 printf(" ");
20
21             if (c == 1)
22                 printf("* ");
23
24             j++;
25
26         }
27         printf("\n\n");
28         i++;
29     }
30     return(0);
31 }
32
```