

```
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      for (i = 0; i < 64; i++)
10     {
11         for (j = 0; j < 64; j++)
12         {
13             c = ((i & 0x8) == 0) ^ ((j & 0x8) == 0);
14
15             if (c == 0)
16                 printf(" ");
17
18             if (c == 1)
19                 printf("* ");
20
21         }
22         printf("\n\n");
23     }
24     return(0);
25 }
26
```