```
jordi@iot-clot:~/Documents/curs2020-2021/m03/asix/20210419/20160608exUf2extrAsix$ gcc -g m4e6_07.c -o ra1-1
jordi@iot-clot:~/Documents/curs2020-2021/m03/asix/20210419/20160608exUf2extrAsix$ gdb ra1-1
GNU gdb (Debian 10.1-1.7) 10.1.90.20210103-git
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There is NO WARRANTY, to the extent permitted by law.
Type "show copying" and "show warranty" for details.
This GDB was configured as "x86_64-linux-gnu".
Type "show configuration" for configuration details.
For bug reporting instructions, please see:
<https://www.gnu.org/software/gdb/bugs/>.
Find the GDB manual and other documentation resources online at:
    <http://www.gnu.org/software/gdb/documentation/>.

For help, type "help".
Type "apropos word" to search for commands related to "word"...
Reading symbols from ra1-1...
(gdb) list
19      float fAleatori3decimals(float fMin, float fMax){
20              return (float)nAleatori(fMin*1000,fMax*1000)/1000;
21      }
22
23      int nDemanaValor(const char* szPregunta){
24              int n;
25
26              printf("%s",szPregunta);
27              scanf("%d",&n);
28
(gdb) list 30,50
30      }
31
32      int main(){
33              int i,nQuants,nCmptDins=0,bCondicio;
34              float fX,fY;
35
36              nQuants = nDemanaValor("Quants punts voleu visualitzar?: ");
37              vLlavorAleatorietat();
38              for(i = 0 ; i < nQuants ; i++){
39                      fX = fAleatori3decimals(-1.,1.);
40                      fY = fAleatori3decimals(0.,1.);
41                      bCondicio = (fY>fX*fX);
42                      //printf("(%.3f,%.3f)\t----> %s\n",fX,fY,(bCondicio)?"DINS":"FORA");
43                      nCmptDins += (bCondicio)?1:0;
44              }
45              printf("%d cops a dins d'un total de %d.\n",nCmptDins,nQuants);
46              printf("En tant per 1: %.3f\n",(float)nCmptDins/nQuants);
47              printf("En %%: %.3f\n",100.*(float)nCmptDins/nQuants);
48              printf("Superfície ombrejada (del rect: 2): %.4f\n",2.*(float)nCmptDins/nQuants);
49              printf("Error = %.9f\n",2.*(float)nCmptDins/nQuants-4./3);
```

```
50
(gdb) break 41
Breakpoint 1 at 0x12d7: file m4e6_07.c, line 41.
(gdb) run
Starting program:
/home/jordi/Documents/curs2020-2021/m03/asix/20210419/20160608exUf2extrAsix/ra1-1
Quants punts voleu visualitzar?: 5

Breakpoint 1, main () at m4e6_07.c:41
41                      bCondicio = (fY>fX*fX);
(gdb) print fX
$1 = -0.0280000009
(gdb) print fY
$2 = 0.294999987
(gdb) next
43                      nCmptDins += (bCondicio)?1:0;
(gdb) next
38              for(i = 0 ; i < nQuants ; i++){
(gdb) next
39                      fX = fAleatori3decimals(-1.,1.);
(gdb) next
40                      fY = fAleatori3decimals(0.,1.);
(gdb) next

Breakpoint 1, main () at m4e6_07.c:41
41                      bCondicio = (fY>fX*fX);
(gdb) print fX
$3 = -0.119999997
(gdb) print fY
$4 = 0.939999998
```