

```
1  #include<stdio.h>
2  #include<conio.h>
3  #include<stdlib.h>
4  #include<time.h>
5  #include<math.h>
6  #include<string.h>
7
8  //Function Declarations
9  void newGame();
10 void checknum();
11 void enter();
12 void new_game();
13 void WhoAmI();
14 int randomnumber();
15 void drink();
16 void mainGame2();
17 void test();
18
19 //Global Variables
20 int secret_number;
21 int chances =10;
22 int guess;
23 int option;
24
25 //Main Section: It is the Beginning of the Program Execution
26 void main()
27 {
28     system("cls"); // Clears the Screen
```

```
29     newGame(); //Calls the Function 'newGame'
30     getch();
31 }
32
33 void newGame()
34 {
35     // This function is the main interface for the program
36     int option;
37     system("cls");
38     printf("\n \n Welcome To FunZone\n");
39     printf("*****\n");
40     printf("Developed By : SURYA KANDIKONDA & MAHESH ALLAM\n");
41     printf("*****\n");
42     printf("\nExplore the Game\n");
43     printf("1. WHO AM I? \t 2. Guess The Number \t 3. Change This World\n");
44     //Gives the Choices available for the user in the game
45     printf("\nEnter your Choice\n");
46     scanf("%d",&option);
47     switch(option)
48     {
49         case 1: WhoAmI();
50             break;
51         case 2: //Call the Function
52             mainGame2();
53             break;
54         case 3: ctw();
55             break;
56         default: printf("Enter Correct Option\n");
```

```
57         newGame();
58         break;
59     }
60 }
61
62
63 //This Function generates random number in the range 0 to n
64 int randomnumber(lower,upper)
65 {
66     int r;
67     srand(time(NULL));
68     r = rand()%(upper+1);
69     return r;
70 }
71
72 void WhoAmI()
73 {
74     char name[100];
75     char dev1[100]= "suryavsbr";
76     char dev2[100]= "maheshstr";
77     FILE *filepointer;
78     int linenumber, count = 0;
79     int op;
80     char line[250];
81     system("cls");
82     filepointer = fopen("names.txt", "r");
83     printf("\n");
84     printf("\n");
```

```
85     printf("\n");
86     printf("Enter Your Name: (With No Spaces) \n");
87     scanf("%s",&name);
88     if(strcmp(name,dev1)==0 || strcmp(name,dev2)==0)
89     {
90         printf("\n OMG!!! You Developed Me... You are a True Genius \n");
91     }
92     else
93     {
94         //Prints the random line of the file 'names.txt'
95         linenumber = randomnumber(0,151);
96         if(filepointer!=NULL)
97         {
98             while(fgets(line, sizeof line, filepointer)!=NULL)
99             {
100                 if(count==linenumber)
101                 {
102                     printf("\nHey %s , You are",name);
103                     printf(" %s",line);
104                     fclose(filepointer);
105                 }
106                 else
107                 {
108                     count++;
109                 }
110             }
111             fclose(filepointer);
112         }
```

```
113
114     }
115     printf("\n");
116     printf("\n");
117     printf("1. Main Menu  2. Play Again\n");
118     scanf("%d",&op);
119     switch(op)
120     {
121         case 1: newGame();
122             break;
123         case 2: WhoAmI();
124             break;
125         default: printf("Enter Correct Option\n");
126             break;
127     }
128 }
129
130 void ctw()
131 {
132     int choice,op;
133     system("cls");
134     printf("\n");
135     printf("\n");
136     printf("Woow!! You really want to change this world?\n");
137     printf("1. Yes  2. No\n");
138     scanf("%d",&choice);
139     switch(choice)
140     {
```

```
141     case 1: printf("*****\n");
142             printf("You Funny !!! First Complete your Graduation!!\n");
143             break;
144     case 2: printf("Thank God!! You saved me... \n");
145             break;
146     default: printf("Enter Correct Option\n");
147 }
148 printf("\n");
149 printf("\n");
150 printf("1. Main Menu  2. Play Again\n");
151 scanf("%d",&op);
152 switch(op)
153 {
154     case 1: newGame();
155             break;
156     case 2: ctw();
157             break;
158     default: printf("Enter Correct Option\n");
159             break;
160 }
161
162 }
163
164 void mainGame2()
165 {
166     new_game();
167 }
168
```

```
169
170 void enter()
171 {
172     printf("Enter your guess :\n");
173     scanf("%d",&guess);
174     checknum();
175 }
176 void new_game()
177 {
178     system("cls");
179     secret_number = randomnumber(0,100);
180     chances = 10;
181     printf("\n\n GUESS THE NUMBER!!\n");
182     printf("Range from 0 to 100\n");
183     printf("Total Chances = 10\n");
184     printf("*****\n");
185     printf("*****\n\n");
186     printf("New Game \n");
187     enter();
188 }
189 void checknum()
190 {
191     if (guess < secret_number && chances!=1)
192     {
193         chances=chances-1;
194         printf("Remaining Chances are : %d \n",chances);
195         printf("Lower!! \n\n\n");
196         enter();
```



```
225     else
226     {
227         printf("Sorry!!.. Chances Completed \n");
228         printf("Secret Number is : %d\n\n\n",secret_number);
229         printf("1. Main Menu   2. Play Again\n");
230         scanf("%d",&option);
231         switch(option)
232         {
233             case 1: newGame();
234                 break;
235
236             case 2: system("cls");
237                 new_game();
238                 break;
239             default:printf("Enter correct option");
240                 break;
241
242         }
243     }
244 }
```