

Code I am proud of :

<https://github.com/SangeethaPrabhu2021/AreYouTheNextBillionaire/>

The above link is the github repository code of my project, "Are you the next billionaire?"
This project was built completely from scratch

I will explain how one can implement the lifelines

```
void fifty(Question Que)
{
    fif=0;
    int r1=Que.Rans,r2=Que.Rans;
    while(r2==Que.Rans)
    {
        r2=rand()%4+1;
    }
    display(r1,r2,Que);
} //fifty
```

1. 50 -50 Lifeline:

- In the above function, I have implemented the 50 -50 Lifeline
Fif =0// Inactivating the lifeline. So that it cannot be further used
- As in 50 -50 one should give two options, of which one is correct and the other is incorrect. So we first prefer to print an option that is correct in its original position. Then we run a while loop to select an option randomly from the three other options. The while loop runs until the second option chosen is not the correct option to the question.

2. Expert Advice

Please refer the Github repo for the complete code. These are just the code snippets.

Expert advice is a lifeline that provides a correct answer if you answer the question the expert asks you: The accuracy is 99.9 %

```

    outtextxy(10,20," The most probable answer for this question is : ");
    int r=rand()%1000+1;
    int m=dup.Rans;
    if(r%200==0)//to get wrong ans.
        while(m==dup.Rans)
            m=rand()%4+1;
    if(dup.o1.opno==m)
    {outtext("A. ");outtext(dup.o1.op);}
    if(dup.o2.opno==m)
    {outtext("B. ");outtext(dup.o2.op);}
    if(dup.o3.opno==m)
    {outtext("C. ");outtext(dup.o3.op);}
    if(dup.o4.opno==m)
    {outtext("D. ");outtext(dup.o4.op);}
} //if correct ans.

else
{
    outtextxy(10,20," Sorry, you answered it wrong...");
    delay(1000);
    display(dup);
}
} //expadv

```

For this, we generate a random number from 1 to 1000:

If the random number doesn't match the value (200) {DummyValue}, we provide the correct answer; otherwise, the wrong answer will be displayed

3. Extra 20 : 20 seconds of extra time is given to choose the right answer.
Logic Increases the timer value by 20
4. Double dip Provides two chances for a given question to choose the correct answer.