

```
main(){
```

User Input: random seed (print error message if the number is invalid).

```
int die_first, die_second, sum_of_dice, left_player, right_player, round
lives[10] = {3, 3, 3, 3, 3, 3, 3, 3, 3, 3} # initial array of vampires' lives
outcomes = {0, 0, 0, 0, 0, 0, 0, 0, 0, 0} # array that counts the sum of two dice's
                                         outcome
```

```
loop_runs_each_round( end if there are (player_number - 1) 0s in lives array between lives[0]
                      to lives[player_number - 1] ){
```

```
loop_for_each_player_rolling_dice( end in (player_number - 1) cycle, that is, end if
index < (player_number - 1) ){
```

```
if( lives[index] != 0){ # only undead vampires can roll the dice
    Rolling dice in random numbers,
    sum = die_first + die_second
    Record sum in outcomes[ ]
    Print message “who rolls what...”
}
```

```
if(sum = 10){                                     # player rolls two 5s, midnight
  Sparkles vampire (if the sparkled one is still 'alive' ) on either/both side(s) or
  Resurrects vampire (if the resurrected one is 'dead' )on either/both side(s)
}
```

```
else{
    outcomes[index] = 100
```

this abnormal number, 100, I set is to make sure it won't appear and interfere the rest of the program, like compare dice outcomes and find the lowest value. (since whoever comes into 'else' has no right to roll the dice).

```
    }  
    index ++
```

```
} # loop for each player rolling dice ends
```

Check whether to end the game (there's only one vampire 'alive').

```
round ++
} # loop runs each round ends
```

```
} # game ends
```

```
} # main ends
```