

[illegible]

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```

cout<<"          "<<endl;
cout<<"          "<<endl;
cout<<"  _  \"<<endl;
cout<<" |(_)| "<<endl;
cout<<"  \__/"<<endl;
cout<<"  _|_| "<<endl;
cout<<"  //\\ \"<<endl;
cout<<"  /| |\\ \"<<endl;
cout<<"  /_|||\\_ \"<<endl;
cout<<"  |_| "<<endl;
cout<<""<<endl;
cout<<""<<endl;
cout<<""<<endl;
cout<<""<<endl;
cout<<""<<endl;
cout<<""<<endl;
break;

```

case 3:

```

cout<<""<<endl;
cout<<""<<endl;
cout<<"          "<<endl;
cout<<"          "<<endl;
cout<<"          "<<endl;
cout<<"          "<<endl;
cout<<"  _  \"<<endl;
cout<<" |(_)| "<<endl;
cout<<"  \__/"<<endl;
cout<<"  _|_| "<<endl;
cout<<"  //\\ \"<<endl;
cout<<"  /| |\\ \"<<endl;
cout<<"  /_|||\\_ \"<<endl;
cout<<"  |_|_| "<<endl;
cout<<"  //\\ \"<<endl;
cout<<"  //  \\ \"<<endl;
cout<<"  /_  \\_ \"<<endl;
cout<<""<<endl;
cout<<""<<endl;
cout<<""<<endl;
break;

```

case 4:

```

cout<<""<<endl;
cout<<"          _ "<<endl;
cout<<"          || "<<endl;

```



```
}
```

```
void printword(char word[],string guesses)
```

```
//Prints Placeholders for the word to guess
```

```
{
    cout<<"Guess The Country : \n\n";
    char print;
    for(int c=0;c<=strlen(word);c++)
    {
        print='_';
        for(int i=0;i<=guesses.length();i++)
        {
            if(word[c]==guesses[i])
                print=guesses[i];
            if(word[c]==' ')
                print=' ';
        }
        cout<<print<<" ";
    }
    cout<<endl<<endl;
}
```

```
int isrepeated(char guessed,string guesslist)
```

```
//Checks if the recieved guess has been made before
```

```
{
    for(int i=0;i<=guesslist.length();i++)
    {
        if(guessed==guesslist[i])
        {
            return 1;
        }
    }
    return 0;
}
```

```
void checkerror(char guess,char word[],int& mistakes)
```

```
//Checks if the guess is correct or wrong
```

```
{
    int flag=0;
    for (int i=0;i<=strlen(word);i++)
    {
        if(guess==word[i])
            flag=1;
    }
}
```

```

    }
    if(flag==1)
    {
        cout<<"\n\nCorrect Letter!";
    }
    else
    {
        cout<<"\n\nWrong Letter!";
        mistakes++;
    }
    cout<<endl;
    system("pause");
}

```

```

bool checkend(char word[],string guesses,int mistakes)
//checks if all the letters in the words have been guessed
{
    bool end=false;
    int check=-1,spaces=0;
    for(int i=0;i<=strlen(word);i++)
    {
        for(int c=0;c<=guesses.length();c++)
        {
            if(word[i]==guesses[c])
            {
                check++;
                break;
            }
        }
    }
    for(int c=0;c<=strlen(word);c++)
    {
        if(word[c]==' ') spaces++;
    }
    if (check==strlen(word)-spaces || mistakes==5) end=true;
    return end;
}

```

```

void play()
//When called, Starts the Game
{
    int tries=-1,mistakes=0;
    char guess, word[20];

```

```

string guesses;
srand(time(0));
string randomword = wordlist[rand() % 26];
for(int i=0;i<=randomword.length();i++)
{
    word[i]=randomword[i];
}
do
{
    system("cls");
    tries++;
    printhead();
    showtries(tries,mistakes);
    drawhangman(mistakes);
    printword(word,guesses);
    if(checkend(word,guesses,mistakes)) break;
    cout<<"Enter A Guess : ";
    cin>>guess;
    guess=toupper(guess);
    if(isrepeated(guess,guesses)==1) { cout<<"\n\nLetter Already Guessed!\n";
system("pause"); continue; }
    checkerror(guess,word,mistakes);
    guesses+=guess;
}while(mistakes<=5);
if(mistakes==5)
{
    cout<<" "<<endl;
    cout<<"  _ _ _ _ _ " <<endl;
    cout<<" / _ | / _ \ | \ | _ | / _ \ \ / _ | _ \ "<<endl;
    cout<<" | ( | / _ \ | \ | _ | | ( ) \ \ V / | _ | / "<<endl;
    cout<<" \ _ / / \ _ \ | _ _ | \ _ / \ / | _ | _ \ "<<endl;
    cout<<" "<<endl;
    cout<<"\nThe Correct Answer is : " <<word<<endl<<endl;
}
else
{
    cout<<" "<<endl;
    cout<<"  _ _ _ _ _ " <<endl;
    cout<<" \ \ / / _ \ | | | \ \ / / _ | \ | | "<<endl;
    cout<<" \ V / ( ) | _ | \ \ \ V / | | . ' | _ "<<endl;
    cout<<" | _ \ _ / \ _ / \ _ \ / | _ | _ \ ( ) "<<endl;
    cout<<" "<<endl;
}
}

```

```

        cout<<endl;
        system("pause");
        system("cls");
    }

    void rules()
        //When called, Game Rules will be printed on screen
    {
        system("cls");
        printhead();
        cout<<" _ _ _ _ _ "<<endl;
        cout<<" | _ \ | | | | | _ / _ (_)"<<endl;
        cout<<" | / | | | | _ | \ _ \ _ "<<endl;
        cout<<" | _ \ \ \ _ / | _ | _ | _ (_)"<<endl;
        cout<<endl;
        cout<<"Your Objective is to guess the name of a country, one letter at a time.\nEvery
time you guess a letter,\nif you guess right, that letter's location(s) in the country name will be
revealed.\nIf you guess wrong, you get a mistake point.\nBe Careful! 5 Mistake points, and your
avatar will be hanged!\n\nA GAME BY AJIL PAPPACHAN\n\nCHEESE BRAIN || ICAT\n\n";
        system("pause");
        system("cls");
    }

    int main()
    {
        PlaySound(TEXT("Bgm.wav"), NULL, SND_FILENAME | SND_LOOP | SND_ASYNC);
        system("color 8f");
        char opt;
        do
        {
            printhead();
//          cout<<" _ _ _ _ _ "<<endl;
//          cout<<" || _ _ _ _ _ ||"<<endl;
//          cout<<" // _ _ _ _ _ \\"<<endl;
//          cout<<"|| 1. PLAY _ _ _ _ _ ||"<<endl;
//          cout<<"|| 2. RULES _ _ _ _ _ ||"<<endl;
//          cout<<"|| 3. EXIT _ _ _ _ _ ||"<<endl;
//          cout<<" \\\ _ _ _ _ _ //"<<endl;
//          cout<<" || _ _ _ _ _ ||"<<endl;
            cout<<"|| 1. PLAY\n|| 2. RULES\n|| 3. EXIT\n";
            cout<<endl;
            cout<<"Enter Choice : ";
            cin>>opt;

```



```
switch(opt)
{
    case '1':
        play();
        break;
    case '2':
        rules();
        break;
    case '3':
        break;
    default:
        cout<<"\nInvalid Option!\n";
        system("pause");
        system("cls");
        break;
}

}while(opt!='3');
return 0;
}
```