Project Two:

The Dakota Trail 2.0

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**Introduction:**

Title: The Dakota Trail: Modern Edition

This is a text based game that has randomly generated events. There are a total of 14 events that can randomly occur during the game and of those 14, they each have choices that have randomly generated results.

The Goal of the game is surviving the events that occur during the travel to Dakota, the promised land of jobs. You have a limited amount of HP.

**Summary:**

Project Size: 3750 Lines

Number of Variables: About 20

Number of methods: All but 2D arrays

This project relies heavily on the use of loops and if-then statements and function to achieve the complex random event driven game. The uses chooses what level they would like to try and a function is allocated for each different type of event. It also uses arrays to create ascii art that is located in a text file and uses a loop to write it. I used the professors menu which uses functions as a template because it made things easier. It also uses functions that return values and the program writes into a text file.

**Description**

The main point of this program is to show how loops, if-then statements and functions can be used to create very complex programs with many different possible outputs. It also shows how text files can be read by the program and printed. It shows how functions can be utilized as independent sections of the code or they could also be used with arrays to read text files and be called by other functions. It also shows how you can write into files too.

**Flow Chart:**

**Pseudo Code:**

Declare all function prototypes

Main Function begins. Define intN and dummy.

Set up for reading the ascii art from the text file

Print the ascii art that says “The Dakota Trail”by calling the function printArray

Name Is asked for and stored in string

Intro information is displayed

Question on distance to North Dakota is asked

Distance function is called

Difference Is returned and displayed

More intro info

User inputs vehicle and weapon

Based on input you will be relocated to a different function

Game status information

Asccii art is displayed of the vehicle they purchased by calling the function printArray

Asks user for how much health they would like to purchase using switch statement

Displays users health and amount of money that they have

Game begins. Program randomly chooses a number and based on that number, an ‘if’ statement is chosen.

The user is asked for an action. The action is synthesized in an if’ statement.

Computer generates a random number and based on that number

The choice is beneficiary or not.

If you are unlucky you lose health.

If you are lucky you will gain health and money.

Game loops for the number of turns that the user chose.

If the users HP goes under 0HP the user loses the game

The game asks the user if they would like to try again.  
If HP is more than 0 HP by the end of the loops then the user is victorious.

When the game is over, the user is asked to write 3 words describing the game. These are stored in a text file.

**Checklist:**

|  |  |
| --- | --- |
| **Concepts** | **Example** |
| Switch | 174 |
| If else | 254 |
| For | 246 |
| char | 244 |
| int | 41 |
| Operators | 246 |
| Do while | 103 |
| Bool | All over loops |
| String | 40 |
| Function that returns | 30 |
| Function | 29 |
| 1D Array | 3894 |
| Array passed through function | 3894 |
| 2D Array | N/a |
| Function Call | 71 |
| File reading | 3894 |
| Writing from a file | 3904 |
| Writing to a file | 740 |
| Count++ | 246 |

**Major Variables:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Type** | **Variable Name** | **Description** | **Location** |
| Integer | inN | Used to Choose car&weapon | Main |
|  | Cash | Keeps Track of players money | Problem(1)…(2)…(3)..(4)  (5)…(6) |
|  | Hp | Keeps track of players health | Problem(1)…(2)…(3)..(4)  (5)…(6) |
|  | Guess | The players guess to how far Dakota is | main |
|  |  |  |  |
|  |  |  |  |
|  | Random | Stores Randomly Generated number used to choose events in loop | Problem(1)…(2)…(3)..(4)  (5)…(6) |
|  | Random\_2 | Stores Randomly Generated number used in sub-events | Problem(1)…(2)…(3)..(4)  (5)…(6) |
|  | Sta | Keeps track of the loops | Problem(1)…(2)…(3)..(4)  (5)…(6) |
| Character | hp\_purchase | Keeps track of the HP purchased | Problem(1)…(2)…(3)..(4)  (5)…(6).. |
|  | dummy | Stores dummy variables | Problem(1)…(2)…(3)..(4)  (5)…(6)…Main |
| String | Art | This hold the array for the first ascii art | Main, readfromfile()  Printarray() |
| String | Art2 | This hold the array for the second ascii art | Problem (1)(4) readfromfile()  Printarray() |
| String | Art 3 | This holds the array for the third ascii art | Problem(2)..(5)..readfromfile()  Printarray() |
| String | Art 4 | This holds the array for the fourth Ascii art | Problem(3)..(6)..readfromfile()  Printarray() |
| String | Name | Holds the name of the player | Main |
| String | Word1 | Holds the users first comment on the game | Problem(1)…(2)…(3)..(4)  (5)…(6)…Main |
| String | Word2 | Holds the users first comment on the game | Problem(1)…(2)…(3)..(4)  (5)…(6)…Main |
| String | Word 3 | Holds the users first comment on the game | Problem(1)…(2)…(3)..(4)  (5)…(6)…Main |
|  |  |  |  |

**Reference:**

1.Textbook

2.Student Instructors

**Program:**

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//July 10th, 2014

//Project #2

//System Libraries

#include <cstdlib>

#include <iostream>

#include <ctime>

#include <iomanip>

#include <cmath>

#include <climits>

#include <fstream>

#include <string>

using namespace std;

//Global Constants

//Function Prototypes

void Menu();

int getN();

void def(int);

void problem1();

void problem2();

void problem3();

void problem4();

void problem5();

void problem6();

void readFromFile(string, string[],const int);

void printArray(string[], const int);

int distance(int number);

//Execution begins here

int main(int argv,char \*argc[]){

srand(time(0));

int inN;

char dummy;

string name;

int guess;

string filename = "art.txt";

const int SIZE = 4;

string art[SIZE];

string art2[SIZE];

readFromFile(filename,art,SIZE);

filename = "art2.txt";

readFromFile(filename,art2,SIZE);

printArray(art,SIZE);

cout<<"Welcome (What's your full name?)"<<endl;

getline(cin, name);

cout<<endl;

cout<<"Welcome "<< name<<endl;

cout<<"To the Dakota Trail: The Modern Edition!\nYou will be challenged with the task of getting your family";

cout<<" across America and into the great State of Dakota.\nDo you accept the challenge?\nPress any key to continue (If you don't continue your family will die...)";

cout<<endl;

cin>>dummy;

cout<<"Before we start, lets see how good you're at extimating distances. Input how many miles you think RCC is from Dakota\n";

cin>>guess;

distance (guess);

guess=distance(guess);

cout<<"Not quite. Your guess is ";

cout<<guess;

cout<<" off! Anyways, lets start playing. Press any key to continue";

cin>>dummy;

cout<<endl;

cout<<"In your great journey you will need a vehicle to great across the country. Make your choice wise.\n";

cout<<"If you get a fast vehicle, you will arrive to Oregon Quicker, facing less dangers; however, you will have less\n";

cout<<"money to spend on HP(Health), Weapons and Merchants to keep your family alive!\n";

cout<<"Use your money wisely. You only have 1000 Cash.\n";

cout<<"Press any key to continue";

cin>>dummy;

cout<<endl<<"You Have Three Choices for vehicles. Remember, you only have 1000 Dollars!\n"

<<"Your fastest choice is a Bentley Flying Spur W12\n"

<<"This baby will take you home in just 8 events! However it comes at a cost of 750 Dollars.\n"

<<"Your comfort choice is the a good old Honda Accord.\nIt's obviously not nearly as fast as the Bentley "

<<"But the price is far more affordable at just 400 Dollars. This baby will take you home in 12 Events.\n"

<<"If you're feeling cheep and want to enjoy the ride, you can purchase a Nissan Vanette.\nA nice little van that the kids will love "

<<"at a dirt cheep price of 200 Dollars; however this baby will take 15 events to take you home\n"

<<"Press any key to continue";

cin>>dummy;

cout<<endl<<"You will also have two choices of weapons. A handgun or a shotgun.The handgun is the cheaper choice at 50 dollars.\n"

<<"The shotgun is a little more expensive at a price of 100 dollars;\n however you're 50% more likely to win in an encounter. The handgun give you points in style though\n"

<<"Press any key to continue ";

cin>>dummy;

do{

Menu();

inN=getN();

switch(inN){

case 1: problem1();break;

case 2: problem2();break;

case 3: problem3();break;

case 4: problem4();break;

case 5: problem5();break;

case 6: problem6();break;

default:;

};

}while(inN<7);

return 0;

}

//Menu Function

void Menu(){

cout<<endl<<" Press '1' to purchase the Bentley and Handgun (800 Dollars)\n"

<<" Press '2' to purchase the Accord and Handgun(450 Dollars)\n"

<<" Press '3' to purchase the Nissan Vanette and Handgun(250 Dollars)\n";

cout<<" Press '4' to purchase the Bentley and Shotgun (850 Dollars)\n"

<<" Press '5' to purchase the Accord and Shotgun(500 Dollars)\n"

<<" Press '6' to purchase the Nissan Vanette and Shotgun(300 Dollars)\n"

<<" Press '7' to quit the game\n";

}

//Choose problem number function

int getN(){

int inN;

cin>>inN;

return inN;

}

//Bentley with handgun

void problem1(){

int cash, hp ,random, gun\_random, random\_2, sta;

char hp\_purchase, dummy;//, choice;

hp=70;

cash=200;

string filename = "art.txt";

const int SIZE = 10;

string art[SIZE];

string art2[SIZE];

readFromFile(filename,art,SIZE);

filename = "art2.txt";

readFromFile(filename,art2,SIZE);

cout<<"Congratulations on your purchase of a used(come on, we all know you can't afford a new one) Bentley Flying Spur and a handgun!\n"

"Now your have a total of " <<cash<<" Dollars.\n";

printArray(art2,SIZE);

cin>>dummy;

cout<<"Before we embark on our journey you must purchase HP. You have 70HP by default.\n";

cout<<"Don't use up all your money though! You could find shops with much cheeper prices in your journey or you could need your money to get out of a hairy situation!\n";

cout<<"You can purchase more for the price of:\n";

cout<<" 10HP for 40 dollars (Press A to purchase)\n";

cout<<" 25HP for 80 dollars (Press B to purchase)\n";

cout<<" 60HP for 120 dollars (Press C to purchase)\n";

//cout<<" 90HP for 290 dollars (Press D to purchase)\n";

//cout<<" 200HP for 500 dollars (Press E to purchase)\n";

cout<<" Press F if you would like not purchase HP\n";

cin>>hp\_purchase;

//switch for purchasing HP

switch(hp\_purchase)

{

case'A':

case'a':

{

hp=hp+10;

cash=cash-40;

cout<<"You've Chosen to buy 10HP. Your new HP value is: "<<hp<<" and you now have "<<cash<< "dollars!\n";

break;

}

case'B':

case'b':

{

hp=hp+25;

cash=cash-80;

cout<<"You've Chosen to buy 25HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'C':

case'c':

{

hp=hp+60;

cash=cash-120;

cout<<"You've Chosen to buy 60HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'D':

case'd':

{

hp=hp+90;

cash=cash-290;

cout<<"You've Chosen to buy 90HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'E':

case'e':

{

hp=hp+200;

cash=cash-500;

cout<<"You've Chosen to buy 200HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'F':

case'f':

{

hp=hp;

cash=cash;

cout<<"You've Chosen to buy 0HP. Your HP value is:"<<hp<<" and you have"<<cash<< "dollars!\n";

break;

}

}

//Start of game

cout<<endl<<"Now you're ready to start your journey!\n"

<<"Press any key to start\n";

cin>>dummy;

char choice;

//Loop for the game possibilities

for (sta = 0; sta < 2 && hp > 0 && hp<1000; sta++)

{

random=0;

random = rand()%100+1;

// First possible Event

if(random>=1 && random<=8)

{

cout<<endl<<"Your family is Starving! You can go out hunting or you could let your family starve and lose HP!\n";

cout<<"If you would like to go hunting 'Y'. If you don't want to press 'N'\n";

//cin.ignore(INT\_MAX);

//cin.get();

//cout<<"\nTEST\n";

cin>>choice;

//cout<<"\nTEST\n";

//choice = 'y';

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-20;

cout<<endl<<"Your pathetic attempt at hunting failed! You have tried to hunt a bear and the bear hunted you!\n"

<<" you've lost 25HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+20;

cout<<endl<<"You've succeeded at hunting! You Murdered a bear with your bare hands! You're a badass!\n"

<<"You've gained 20HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Second possible Event

if(random>8 && random<=16)

{

cout<<endl<<"You're being ransacked!\n";

cout<<"If you would like to fight press'Y'. If you want to pretend to sleep and let them pillage you press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-40;

cash=cash-30;

cout<<endl<<"Your were outnumbered and out gunned! You lost he fight and got wounded in the process ";

cout<<"you also lost 30 dollars!\n";

cout<<" you've lost 40HP, your new HP is" <<hp <<"you lost 30 dollars now you have: " <<cash<< "dollars!\n";

}

else

{

cash=cash+50;

hp=hp-10;

cout<<endl<<"You've won the fight but you were mildly wounded. The ransackers dropped money while escaping!\n"

<<"You've lost 10HP, your new HP is:"<<hp<<"and you gained 50 dollars, now you have have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-30;

cash=cash-30;

cout<<endl<<"You were a coward and had much of your supplies and money stolen!!\n"

<<"You lost 30 HP,your new HP is " <<hp<< "you lost 30 dollars now you have" <<cash<< "dollars!\n";

}

}

// Third possible Event

if(random>16 && random <=24)

{

cout<<endl<<"Your family is Starving! You find road kill, you can take a chance and eat it or you could let your family starve and lose HP!\n";

cout<<"If you would like to eat road kill press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

//random again function

if(random\_2<5)

{

hp=hp+15;

cout<<endl<<"You're one crazy bastard! But you've got a gut of metal! The road kill was delicious and you feel better\n"

<<" you've gained 15HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+45;

cout<<endl<<"You're disgusting! You've gotten incredibly ill! You've lost HP\n"

<<"You've lost 45 HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

//start of no event

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

//end of no event

}

// Fourth possible Event

if(random>24 && random<=32)

{

cout<<endl<<"A man driving by challenges you to a race! He bets 30 dollars and 40 HP!\n";

cout<<"If you would like to race press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

//Random function again

random\_2= rand()%10+1;

if(random\_2<5)

{

cash=cash-30;

hp=hp-40;

cout<<endl<<"You lost the race and the bet! Your Driving skill needs work!\n"

<<" you've lost 40HP, your new HP is" <<hp <<"and you also lost 30 dollars, now you have" <<cash<< "dollars!\n";

}

else

{

cash=cash+30;

hp=hp+40;

cout<<endl<<"You've won! That was surprising..\n"

<<"You've gained 40HP, your new HP is:"<<hp<<"and you gained 30 dollars, now you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

cout<<endl<<"Your family loses respect for you..\n"

<<"Your HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

//Fifth possible event

if(random>40 && random<=48)

{

cout<<endl<<"You see an innocent looking man on he road who is asking for help!\n";

cout<<"If you would like to help, press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='N' || choice=='n' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-30;

cout<<endl<<"The man hold a grudge against you. He find you at the next camp and attacks you!\n"

<<" you've lost 30HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp;

cout<<endl<<"You continue your journey with he lingering though that the man you saw could be dead all because you did no help.\n"

<<"You've gained 0 HP, your HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='Y'||choice=='y')

{

//random formula #2

hp=hp+25;

cout<<endl<<"He was actually just stretching but is so impressed by your good will that he rewards you with food!\n"

<<"Your HP increases by 25 your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Sixth possible Event

// if(random>48 && random<=56)

{

cout<<endl<<"You must once again hunt!\n";

cout<<"If you would like to hunt click 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-20;

cout<<endl<<"Your pathetic attempt at hunting failed! You have tried to hunt a bear and the bear hunted you!\n"

<<" you've lost 25HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+20;

cout<<endl<<"You've succeeded at hunting! You Murdered a bear with your bare hands! You're a badass!\n"

<<"You've gained 20HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Seventh possible Event

if(random>56 && random<=62)

{

cout<<endl<<"You've found a sketchy looking man selling HP at 60HP for 20 dollars!!\n";

cout<<"If you would like to go buy press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<8)

{

cash=cash-20;

hp=hp-40;

cout<<endl<<"It was an rotten food! You get sick and loose your money..\n"

<<" you've lost 40HP, your new HP is" <<hp <<"and lost 20 dollars, you now have :" <<cash<< "dollars!\n";

}

else

{

hp=hp+60;

cash=cash-20;

cout<<endl<<"You've made a great deal! What a sucker!\n"

<<"You've gained 60HP, your new HP is:"<<hp<<"and you lost 20 dollars, now you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp;

cout<<endl<<"Life is good!\n"

<<"Your HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// 8th possible Event

if(random>62 && random<=70)

{

cout<<endl<<"You got bitten by a poisonous snake! You could lose less HP if you have your wife suck he poison out!\n";

cout<<"If you would like to try it, press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-60;

cout<<endl<<"Your wife did it incorrectly and go herself poisoned too!!\n"

<<" you've lost 60HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-10;

cout<<endl<<"Your wife succeeded at sucking out the poison!! You only have mild swelling \n"

<<"You've lost only 10HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-40;

cout<<endl<<"You take the pain and pay for it! You can't move your foot for a week\n"

<<"You lose 40 HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// 9th possible Event \*\*LOOOOOOOOOOOOOOOOOOW Prov

if(random>110 && random<=104)

{

cout<<endl<<"Crashed and died..!\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp-10000;

}

// 10th possible event \*\* LOOOOOOOOOW

if(random>104 && random<=108)

{

cout<<endl<<"You decide that Oregon is bullshit and move to socialist Norway and life you life living of the government! !\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp+10000;

}

// 11th Possible Event

if(random>70 && random<=78)

{

cout<<endl<<"You've been feeling stressed out stress can decrease your HP. A lady of the night(hooker) says she can help you relieve stress for only 20 dollars !\n";

cout<<"If you would like to go engage press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+30;

cash=cash-30;

cout<<endl<<"What a good night!\n";

cout<<" You've gained 30 HP, your new HP is" <<hp <<"and you have lost 30 dollars. Now you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cash=cash-30;

cout<<endl<<"You got sick! Wrap it up next time!\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"and you lost 30 cash, now you have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+10;

cash=cash;

cout<<endl<<"After the encounter with the hooker you start to laugh. All you needed was a good laugh!!\n";

cout<<" You've gained 10 HP, your new HP is" <<hp <<"and you have:" <<cash<< " dollars!\n";

}

else

{

hp=hp-15;

cash=cash;

cout<<endl<<"You still feel stressed.. You head starts hurting..\n"

<<"You've lost 15HP, your new HP is:"<<hp<<"and you have "<<cash<<"dollars!\n";

}

}

}

//12th Event

if(random>86 && random<=94)

{

cout<<endl<<"Your Radiator busted from the high heat! You find a family camping about 2 miles from your own camp with a similar one\n";

cout<<"You need it or you will have to drive without the A/C and risk getting a heatstroke..You think about maybe stealing it\n";

cout<<"If you would like steal then press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp;

cout<<endl<<"You got a radiator and can continue on your journey! Poor family though\n";

cout<<" Your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cout<<endl<<"You failed at stealing it and their guard dog attacks you!\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"You have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

hp=hp-30;

cash=cash;

cout<<endl<<"You end up driving without the A/C to try to prevent overheating but you get sick in the process\n";

cout<<" You've lost 30 HP, your new HP is" <<hp <<"and you have:" <<cash<< " dollars!\n";

}

}

//13th possible event

if(random>94 && random<=102)

{

cout<<endl<<"Your family is starving. You find some wild berries\n";

cout<<"If you would like to go pick them then press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+20;

cash=cash;

cout<<endl<<"The Berries were amazing!!\n";

cout<<" You've gained 20 HP, your new HP is" <<hp <<"and you have " <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cout<<endl<<"You got sick! Those berries were very bad..\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

hp=hp-30;

cout<<"Your Family starves for a day..\n"

<<"You've lost 30HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

}

// 14th possible Event

if(random>102 && random<=110)

{

cout<<endl<<"Your wife is pregnant! It adds to you stress..!\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp-30;

cout<<"Too much stress man..\n"

<<"You've lost 30HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

//last of loop

}

if (hp>0)

{

cout<<endl;

cout<<"Congratulations! You have made it to Oregon!!! Play again?";

cout<<endl;

cout<<endl;

}

else

{

cout<<endl;

cout<<"Game over.. You suck!!\n";

cout<<"Try again?\n"<<endl;

cout<<endl;

cout<<endl;

}

ofstream outputFile;

string word1,word2,word3;

outputFile.open("last\_word.txt");

cout<<"You've completed the game!\n";

cout<<" Tell me three words that descrive this game and Ill be sure to remember them by writing them down on a text file!"<<endl;

cin>>word1;

cin>>word2;

cin>>word3;

cout<<"Hmm... so you think the game is ";

cout<<word1;

cout<<" ";

cout<<word2;

cout<<" and ";

cout<<word3;

cout<<". Alright! I'be sure to write it down! Press any key to play again.\n";

cin>>dummy;

outputFile<<word1<<endl;

outputFile<<word2<<endl;

outputFile<<word3<<endl;

outputFile.close();

//end

}

//Accord with Handgun

void problem2(){

int cash, hp,random, gun\_random, random\_2, sta;

char hp\_purchase, dummy;//, choice;

string filename = "art.txt";

const int SIZE = 10;

string art[SIZE];

string art4[SIZE];

readFromFile(filename,art,SIZE);

filename = "art4.txt";

readFromFile(filename,art4,SIZE);

hp=70;

cash=550;

cout<<"Congratulations on your purchase of a used(come on, we all know you can't afford a new one) Bentley Flying Spur and a handgun!\n"

"Now your have a total of " <<cash<<" Dollars.\n";

printArray(art4,SIZE);

cin>>dummy;

cout<<"Before we embark on our journey you must purchase HP. You have 70HP by default.\n";

cout<<"Don't use up all your money though! You could find shops with much cheeper prices in your journey or you could need your money to get out of a hairy situation!\n";

cout<<"You can purchase more for the price of:\n";

cout<<" 10HP for 40 dollars (Press A to purchase)\n";

cout<<" 25HP for 80 dollars (Press B to purchase)\n";

cout<<" 60HP for 120 dollars (Press C to purchase)\n";

cout<<" 90HP for 290 dollars (Press D to purchase)\n";

//cout<<" 200HP for 500 dollars (Press E to purchase)\n";

cout<<" Press F if you would like not purchase HP\n";

cin>>hp\_purchase;

//loop for purchasing HP

switch(hp\_purchase)

{

case'A':

case'a':

{

hp=hp+10;

cash=cash-40;

cout<<"You've Chosen to buy 10HP. Your new HP value is: "<<hp<<" and you now have "<<cash<< "dollars!\n";

break;

}

case'B':

case'b':

{

hp=hp+25;

cash=cash-80;

cout<<"You've Chosen to buy 25HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'C':

case'c':

{

hp=hp+60;

cash=cash-120;

cout<<"You've Chosen to buy 60HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'D':

case'd':

{

hp=hp+90;

cash=cash-290;

cout<<"You've Chosen to buy 90HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'E':

case'e':

{

hp=hp+200;

cash=cash-500;

cout<<"You've Chosen to buy 200HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'F':

case'f':

{

hp=hp;

cash=cash;

cout<<"You've Chosen to buy 0HP. Your HP value is:"<<hp<<" and you have"<<cash<< "dollars!\n";

break;

}

}

//Start of game

cout<<endl<<"Now you're ready to start your journey!\n"

<<"Press any key to start\n";

cin>>dummy;

char choice;

//Loop for the game possibilities

for (sta = 0; sta < 12 && hp > 0 && hp < 1000; sta++)

{

random = rand()%100+1;

// First possible Event

if(random>=1 && random<=8)

{

cout<<endl<<"Your family is Starving! You can go out hunting or you could let your family starve and lose HP!\n";

cout<<"If you would like to go hunting 'Y'. If you don't want to press 'N'\n";

//cin.ignore(INT\_MAX);

//cin.get();

//cout<<"\nTEST\n";

cin>>choice;

//cout<<"\nTEST\n";

//choice = 'y';

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-20;

cout<<endl<<"Your pathetic attempt at hunting failed! You have tried to hunt a bear and the bear hunted you!\n"

<<" you've lost 25HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+20;

cout<<endl<<"You've succeeded at hunting! You Murdered a bear with your bare hands! You're a badass!\n"

<<"You've gained 20HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Second possible Event

if(random>8 && random<=16)

{

cout<<endl<<"You're being ransacked!\n";

cout<<"If you would like to fight press'Y'. If you want to pretend to sleep and let them pillage you press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-40;

cash=cash-30;

cout<<endl<<"Your were outnumbered and out gunned! You lost he fight and got wounded in the process ";

cout<<"you also lost 30 dollars!\n";

cout<<" you've lost 40HP, your new HP is" <<hp <<"you lost 30 dollars now you have: " <<cash<< "dollars!\n";

}

else

{

cash=cash+50;

hp=hp-10;

cout<<endl<<"You've won the fight but you were mildly wounded. The ransackers dropped money while escaping!\n"

<<"You've lost 10HP, your new HP is:"<<hp<<"and you gained 50 dollars, now you have have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-30;

cash=cash-30;

cout<<endl<<"You were a coward and had much of your supplies and money stolen!!\n"

<<"You lost 30 HP,your new HP is " <<hp<< "you lost 30 dollars now you have" <<cash<< "dollars!\n";

}

}

// Third possible Event

if(random>16 && random <=24)

{

cout<<endl<<"Your family is Starving! You find road kill, you can take a chance and eat it or you could let your family starve and lose HP!\n";

cout<<"If you would like to eat road kill press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

//random again function

if(random\_2<5)

{

hp=hp+15;

cout<<endl<<"You're one crazy bastard! But you've got a gut of metal! The road kill was delicious and you feel better\n"

<<" you've gained 15HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+45;

cout<<endl<<"You're disgusting! You've gotten incredibly ill! You've lost HP\n"

<<"You've lost 45 HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

//start of no event

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

//end of no event

}

// Fourth possible Event

if(random>24 && random<=32)

{

cout<<endl<<"A man driving by challenges you to a race! He bets 30 dollars and 40 HP!\n";

cout<<"If you would like to race press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

//Random function again

random\_2= rand()%10+1;

if(random\_2<5)

{

cash=cash-30;

hp=hp-40;

cout<<endl<<"You lost the race and the bet! Your Driving skill needs work!\n"

<<" you've lost 40HP, your new HP is" <<hp <<"and you also lost 30 dollars, now you have" <<cash<< "dollars!\n";

}

else

{

cash=cash+30;

hp=hp+40;

cout<<endl<<"You've won! That was surprising..\n"

<<"You've gained 40HP, your new HP is:"<<hp<<"and you gained 30 dollars, now you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

cout<<endl<<"Your family loses respect for you..\n"

<<"Your HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

//Fifth possible event

if(random>40 && random<=48)

{

cout<<endl<<"You see an innocent looking man on he road who is asking for help!\n";

cout<<"If you would like to help, press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='N' || choice=='n' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-30;

cout<<endl<<"The man hold a grudge against you. He find you at the next camp and attacks you!\n"

<<" you've lost 30HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp;

cout<<endl<<"You continue your journey with he lingering though that the man you saw could be dead all because you did no help.\n"

<<"You've gained 0 HP, your HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='Y'||choice=='y')

{

//random formula #2

hp=hp+25;

cout<<endl<<"He was actually just stretching but is so impressed by your good will that he rewards you with food!\n"

<<"Your HP increases by 25 your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Sixth possible Event

if(random>48 && random<=56)

{

cout<<endl<<"You must hunt to feed your family!!\n";

cout<<"If you would like to hunt click 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-20;

cout<<endl<<"Your pathetic attempt at hunting failed! You have tried to hunt a bear and the bear hunted you!\n"

<<" you've lost 25HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+20;

cout<<endl<<"You've succeeded at hunting! You Murdered a bear with your bare hands! You're a badass!\n"

<<"You've gained 20HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Seventh possible Event

if(random>56 && random<=62)

{

cout<<endl<<"You've found a sketchy looking man selling HP at 60HP for 20 dollars!!\n";

cout<<"If you would like to go buy press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<8)

{

cash=cash-20;

hp=hp-40;

cout<<endl<<"It was an rotten food! You get sick and loose your money..\n"

<<" you've lost 40HP, your new HP is" <<hp <<"and lost 20 dollars, you now have :" <<cash<< "dollars!\n";

}

else

{

hp=hp+60;

cash=cash-20;

cout<<endl<<"You've made a great deal! What a sucker!\n"

<<"You've gained 60HP, your new HP is:"<<hp<<"and you lost 20 dollars, now you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp;

cout<<endl<<"Life is good!\n"

<<"Your HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// 8th possible Event

if(random>62 && random<=70)

{

cout<<endl<<"You got bitten by a poisonous snake! You could lose less HP if you have your wife suck he poison out!\n";

cout<<"If you would like to try it, press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-60;

cout<<endl<<"Your wife did it incorrectly and go herself poisoned too!!\n"

<<" you've lost 60HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-10;

cout<<endl<<"Your wife succeeded at sucking out the poison!! You only have mild swelling \n"

<<"You've lost only 10HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-40;

cout<<endl<<"You take the pain and pay for it! You can't move your foot for a week\n"

<<"You lose 40 HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// 9th possible Event \*\*LOOOOOOOOOOOOOOOOOOW Prov

if(random>110 && random<=104)

{

cout<<endl<<"Crashed and died..!\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp-10000;

}

// 10th possible event \*\* LOOOOOOOOOW

if(random>104 && random<=108)

{

cout<<endl<<"You decide that Oregon is bullshit and move to socialist Norway and life you life living of the government! !\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp+10000;

}

// 11th Possible Event

if(random>70 && random<=78)

{

cout<<endl<<"You've been feeling stressed out stress can decrease your HP. A lady of the night(hooker) says she can help you relieve stress for only 20 dollars !\n";

cout<<"If you would like to go engage press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+30;

cash=cash-30;

cout<<endl<<"What a good night!\n";

cout<<" You've gained 30 HP, your new HP is" <<hp <<"and you have lost 30 dollars. Now you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cash=cash-30;

cout<<endl<<"You got sick! Wrap it up next time!\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"and you lost 30 cash, now you have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+10;

cash=cash;

cout<<endl<<"After the encounter with the hooker you start to laugh. All you needed was a good laugh!!\n";

cout<<" You've gained 10 HP, your new HP is" <<hp <<"and you have:" <<cash<< " dollars!\n";

}

else

{

hp=hp-15;

cash=cash;

cout<<endl<<"You still feel stressed.. You head starts hurting..\n"

<<"You've lost 15HP, your new HP is:"<<hp<<"and you have "<<cash<<"dollars!\n";

}

}

}

//12th Event

if(random>86 && random<=94)

{

cout<<endl<<"Your Radiator busted from the high heat! You find a family camping about 2 miles from your own camp with a similar one\n";

cout<<"You need it or you will have to drive without the A/C and risk getting a heatstroke..You think about maybe stealing it\n";

cout<<"If you would like steal then press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp;

cout<<endl<<"You got a radiator and can continue on your journey! Poor family though\n";

cout<<" Your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cout<<endl<<"You failed at stealing it and their guard dog attacks you!\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"You have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

hp=hp-30;

cash=cash;

cout<<endl<<"You end up driving without the A/C to try to prevent overheating but you get sick in the process\n";

cout<<" You've lost 30 HP, your new HP is" <<hp <<"and you have:" <<cash<< " dollars!\n";

}

}

//13th possible event

if(random>94 && random<=102)

{

cout<<endl<<"Your family is starving. You find some wild berries\n";

cout<<"If you would like to go pick them then press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+20;

cash=cash;

cout<<endl<<"The Berries were amazing!!\n";

cout<<" You've gained 20 HP, your new HP is" <<hp <<"and you have " <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cout<<endl<<"You got sick! Those berries were very bad..\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

hp=hp-30;

cout<<"Your Family starves for a day..\n"

<<"You've lost 30HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

}

// 14th possible Event

if(random>102 && random<=110)

{

cout<<endl<<"Your wife is pregnant! It adds to you stress..!\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp-30;

cout<<"Too much stress man..\n"

<<"You've lost 30HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

//last of loop

}

if (hp>0)

{

cout<<endl;

cout<<"Congratulations! You have made it to Oregon!!! Play again?";

cout<<endl;

cout<<endl;

}

else

{

cout<<endl;

cout<<"Game over.. You suck!!\n";

cout<<"Try again?\n"<<endl;

cout<<endl;

cout<<endl;

}

ofstream outputFile;

string word1,word2,word3;

outputFile.open("last\_word.txt");

cout<<"You've completed the game!\n";

cout<<" Tell me three words that descrive this game and Ill be sure to remember them by writing them down on a text file!"<<endl;

cin>>word1;

cin>>word2;

cin>>word3;

cout<<"Hmm... so you think the game is ";

cout<<word1;

cout<<" ";

cout<<word2;

cout<<" and ";

cout<<word3;

cout<<". Alright! I'be sure to write it down! Press any key to play again.\n";

cin>>dummy;

outputFile<<word1<<endl;

outputFile<<word2<<endl;

outputFile<<word3<<endl;

outputFile.close();

}

//van with handgun

void problem3(){

int cash, hp,random, gun\_random, random\_2, sta;

char hp\_purchase, dummy;//, choice;

hp=70;

cash=750;

string filename = "art.txt";

const int SIZE = 7;

string art[SIZE];

string art3[SIZE];

readFromFile(filename,art,SIZE);

filename = "art3.txt";

readFromFile(filename,art3,SIZE);

cout<<"Congratulations on your purchase of a van and a handgun!\n"

"Now your have a total of " <<cash<<" Dollars.\n";

printArray(art3,SIZE);

cin>>dummy;

cout<<"Before we embark on our journey you must purchase HP. You have 70HP by default.\n";

cout<<"Don't use up all your money though! You could find shops with much cheeper prices in your journey or you could need your money to get out of a hairy situation!\n";

cout<<"You can purchase more for the price of:\n";

cout<<" 10HP for 40 dollars (Press A to purchase)\n";

cout<<" 25HP for 80 dollars (Press B to purchase)\n";

cout<<" 60HP for 120 dollars (Press C to purchase)\n";

cout<<" 90HP for 290 dollars (Press D to purchase)\n";

cout<<" 200HP for 500 dollars (Press E to purchase)\n";

cout<<" Press F if you would like not purchase HP\n";

cin>>hp\_purchase;

//loop for purchasing HP

switch(hp\_purchase)

{

case'A':

case'a':

{

hp=hp+10;

cash=cash-40;

cout<<"You've Chosen to buy 10HP. Your new HP value is: "<<hp<<" and you now have "<<cash<< "dollars!\n";

break;

}

case'B':

case'b':

{

hp=hp+25;

cash=cash-80;

cout<<"You've Chosen to buy 25HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'C':

case'c':

{

hp=hp+60;

cash=cash-120;

cout<<"You've Chosen to buy 60HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'D':

case'd':

{

hp=hp+90;

cash=cash-290;

cout<<"You've Chosen to buy 90HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'E':

case'e':

{

hp=hp+200;

cash=cash-500;

cout<<"You've Chosen to buy 200HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'F':

case'f':

{

hp=hp;

cash=cash;

cout<<"You've Chosen to buy 0HP. Your HP value is:"<<hp<<" and you have"<<cash<< "dollars!\n";

break;

}

}

//Start of game

cout<<endl<<"Now you're ready to start your journey!\n"

<<"Press any key to start\n";

cin>>dummy;

char choice;

//Loop for the game possibilities

for (sta = 0; sta < 16 && hp > 0 && hp<1000; sta++)

{

random = rand()%100+1;

// First possible Event

if(random>=1 && random<=8)

{

cout<<endl<<"Your family is Starving! You can go out hunting or you could let your family starve and lose HP!\n";

cout<<"If you would like to go hunting 'Y'. If you don't want to press 'N'\n";

//cin.ignore(INT\_MAX);

//cin.get();

//cout<<"\nTEST\n";

cin>>choice;

//cout<<"\nTEST\n";

//choice = 'y';

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-20;

cout<<endl<<"Your pathetic attempt at hunting failed! You have tried to hunt a bear and the bear hunted you!\n"

<<" you've lost 25HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+20;

cout<<endl<<"You've succeeded at hunting! You Murdered a bear with your bare hands! You're a badass!\n"

<<"You've gained 20HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Second possible Event

if(random>8 && random<=16)

{

cout<<endl<<"You're being ransacked!\n";

cout<<"If you would like to fight press'Y'. If you want to pretend to sleep and let them pillage you press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-40;

cash=cash-30;

cout<<endl<<"Your were outnumbered and out gunned! You lost he fight and got wounded in the process ";

cout<<"you also lost 30 dollars!\n";

cout<<" you've lost 40HP, your new HP is" <<hp <<"you lost 30 dollars now you have: " <<cash<< "dollars!\n";

}

else

{

cash=cash+50;

hp=hp-10;

cout<<endl<<"You've won the fight but you were mildly wounded. The ransackers dropped money while escaping!\n"

<<"You've lost 10HP, your new HP is:"<<hp<<"and you gained 50 dollars, now you have have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-30;

cash=cash-30;

cout<<endl<<"You were a coward and had much of your supplies and money stolen!!\n"

<<"You lost 30 HP,your new HP is " <<hp<< "you lost 30 dollars now you have" <<cash<< "dollars!\n";

}

}

// Third possible Event

if(random>16 && random <=24)

{

cout<<endl<<"Your family is Starving! You find road kill, you can take a chance and eat it or you could let your family starve and lose HP!\n";

cout<<"If you would like to eat road kill press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

//random again function

if(random\_2<5)

{

hp=hp+15;

cout<<endl<<"You're one crazy bastard! But you've got a gut of metal! The road kill was delicious and you feel better\n"

<<" you've gained 15HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+45;

cout<<endl<<"You're disgusting! You've gotten incredibly ill! You've lost HP\n"

<<"You've lost 45 HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

//start of no event

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

//end of no event

}

// Fourth possible Event

if(random>24 && random<=32)

{

cout<<endl<<"A man driving by challenges you to a race! He bets 30 dollars and 40 HP!\n";

cout<<"If you would like to race press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

//Random function again

random\_2= rand()%10+1;

if(random\_2<5)

{

cash=cash-30;

hp=hp-40;

cout<<endl<<"You lost the race and the bet! Your Driving skill needs work!\n"

<<" you've lost 40HP, your new HP is" <<hp <<"and you also lost 30 dollars, now you have" <<cash<< "dollars!\n";

}

else

{

cash=cash+30;

hp=hp+40;

cout<<endl<<"You've won! That was surprising..\n"

<<"You've gained 40HP, your new HP is:"<<hp<<"and you gained 30 dollars, now you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

cout<<endl<<"Your family loses respect for you..\n"

<<"Your HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

//Fifth possible event

if(random>40 && random<=48)

{

cout<<endl<<"You see an innocent looking man on he road who is asking for help!\n";

cout<<"If you would like to help, press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='N' || choice=='n' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-30;

cout<<endl<<"The man hold a grudge against you. He find you at the next camp and attacks you!\n"

<<" you've lost 30HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp;

cout<<endl<<"You continue your journey with he lingering though that the man you saw could be dead all because you did no help.\n"

<<"You've gained 0 HP, your HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='Y'||choice=='y')

{

//random formula #2

hp=hp+25;

cout<<endl<<"He was actually just stretching but is so impressed by your good will that he rewards you with food!\n"

<<"Your HP increases by 25 your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Sixth possible Event

if(random>48 && random<=56)

{

cout<<endl<<"You must hunt to feed your family!\n";

cout<<"If you would like to hunt click 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-20;

cout<<endl<<"Your pathetic attempt at hunting failed! You have tried to hunt a bear and the bear hunted you!\n"

<<" you've lost 25HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+20;

cout<<endl<<"You've succeeded at hunting! You Murdered a bear with your bare hands! You're a badass!\n"

<<"You've gained 20HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Seventh possible Event

if(random>56 && random<=62)

{

cout<<endl<<"You've found a sketchy looking man selling HP at 60HP for 20 dollars!!\n";

cout<<"If you would like to go buy press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<8)

{

cash=cash-20;

hp=hp-40;

cout<<endl<<"It was an rotten food! You get sick and loose your money..\n"

<<" you've lost 40HP, your new HP is" <<hp <<"and lost 20 dollars, you now have :" <<cash<< "dollars!\n";

}

else

{

hp=hp+60;

cash=cash-20;

cout<<endl<<"You've made a great deal! What a sucker!\n"

<<"You've gained 60HP, your new HP is:"<<hp<<"and you lost 20 dollars, now you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp;

cout<<endl<<"Life is good!\n"

<<"Your HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// 8th possible Event

if(random>62 && random<=70)

{

cout<<endl<<"You got bitten by a poisonous snake! You could lose less HP if you have your wife suck he poison out!\n";

cout<<"If you would like to try it, press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-60;

cout<<endl<<"Your wife did it incorrectly and go herself poisoned too!!\n"

<<" you've lost 60HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-10;

cout<<endl<<"Your wife succeeded at sucking out the poison!! You only have mild swelling \n"

<<"You've lost only 10HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-40;

cout<<endl<<"You take the pain and pay for it! You can't move your foot for a week\n"

<<"You lose 40 HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// 9th possible Event \*\*LOOOOOOOOOOOOOOOOOOW Prov

if(random>110 && random<=104)

{

cout<<endl<<"Crashed and died..!\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp-10000;

}

// 10th possible event \*\* LOOOOOOOOOW

if(random>104 && random<=108)

{

cout<<endl<<"You decide that Oregon is bullshit and move to socialist Norway and life you life living of the government! !\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp+10000;

}

// 11th Possible Event

if(random>70 && random<=78)

{

cout<<endl<<"You've been feeling stressed out stress can decrease your HP. A lady of the night(hooker) says she can help you relieve stress for only 20 dollars !\n";

cout<<"If you would like to go engage press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+30;

cash=cash-30;

cout<<endl<<"What a good night!\n";

cout<<" You've gained 30 HP, your new HP is" <<hp <<"and you have lost 30 dollars. Now you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cash=cash-30;

cout<<endl<<"You got sick! Wrap it up next time!\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"and you lost 30 cash, now you have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+10;

cash=cash;

cout<<endl<<"After the encounter with the hooker you start to laugh. All you needed was a good laugh!!\n";

cout<<" You've gained 10 HP, your new HP is" <<hp <<"and you have:" <<cash<< " dollars!\n";

}

else

{

hp=hp-15;

cash=cash;

cout<<endl<<"You still feel stressed.. You head starts hurting..\n"

<<"You've lost 15HP, your new HP is:"<<hp<<"and you have "<<cash<<"dollars!\n";

}

}

}

//12th Event

if(random>86 && random<=94)

{

cout<<endl<<"Your Radiator busted from the high heat! You find a family camping about 2 miles from your own camp with a similar one\n";

cout<<"You need it or you will have to drive without the A/C and risk getting a heatstroke..You think about maybe stealing it\n";

cout<<"If you would like steal then press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp;

cout<<endl<<"You got a radiator and can continue on your journey! Poor family though\n";

cout<<" Your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cout<<endl<<"You failed at stealing it and their guard dog attacks you!\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"You have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

hp=hp-30;

cash=cash;

cout<<endl<<"You end up driving without the A/C to try to prevent overheating but you get sick in the process\n";

cout<<" You've lost 30 HP, your new HP is" <<hp <<"and you have:" <<cash<< " dollars!\n";

}

}

//13th possible event

if(random>94 && random<=102)

{

cout<<endl<<"Your family is starving. You find some wild berries\n";

cout<<"If you would like to go pick them then press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+20;

cash=cash;

cout<<endl<<"The Berries were amazing!!\n";

cout<<" You've gained 20 HP, your new HP is" <<hp <<"and you have " <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cout<<endl<<"You got sick! Those berries were very bad..\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

hp=hp-30;

cout<<"Your Family starves for a day..\n"

<<"You've lost 30HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

}

// 14th possible Event

if(random>102 && random<=110)

{

cout<<endl<<"Your wife is pregnant! It adds to you stress..!\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp-30;

cout<<"Too much stress man..\n"

<<"You've lost 30HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

//last of loop

}

if (hp>0)

{

cout<<endl;

cout<<"Congratulations! You have made it to Oregon!!! Play again?";

cout<<endl;

cout<<endl;

}

else

{

cout<<endl;

cout<<"Game over.. You suck!!\n";

cout<<"Try again?\n"<<endl;

cout<<endl;

cout<<endl;

}

ofstream outputFile;

string word1,word2,word3;

outputFile.open("last\_word.txt");

cout<<"You've completed the game!\n";

cout<<" Tell me three words that descrive this game and Ill be sure to remember them by writing them down on a text file!"<<endl;

cin>>word1;

cin>>word2;

cin>>word3;

cout<<"Hmm... so you think the game is ";

cout<<word1;

cout<<" ";

cout<<word2;

cout<<" and ";

cout<<word3;

cout<<". Alright! I'be sure to write it down! Press any key to play again.\n";

cin>>dummy;

outputFile<<word1<<endl;

outputFile<<word2<<endl;

outputFile<<word3<<endl;

outputFile.close();

}

//Bentley wit shotgun

void problem4(){

//Van with handgun.

int cash, hp,random, gun\_random, random\_2, sta;

char hp\_purchase, dummy;//, choice;

hp=70;

cash=150;

string filename = "art.txt";

const int SIZE = 10;

string art[SIZE];

string art2[SIZE];

readFromFile(filename,art,SIZE);

filename = "art2.txt";

readFromFile(filename,art2,SIZE);

cout<<"Congratulations on your purchase of a used(come on, we all know you can't afford a new one) Bentley Flying Spur and a handgun!\n"

"Now your have a total of " <<cash<<" Dollars.\n";

printArray(art2,SIZE);

cin>>dummy;

cout<<"Before we embark on our journey you must purchase HP. You have 70HP by default.\n";

cout<<"Don't use up all your money though! You could find shops with much cheeper prices in your journey or you could need your money to get out of a hairy situation!\n";

cout<<"You can purchase more for the price of:\n";

cout<<" 10HP for 40 dollars (Press A to purchase)\n";

cout<<" 25HP for 80 dollars (Press B to purchase)\n";

cout<<" 60HP for 120 dollars (Press C to purchase)\n";

//cout<<" 90HP for 290 dollars (Press D to purchase)\n";

//cout<<" 200HP for 500 dollars (Press E to purchase)\n";

cout<<" Press F if you would like not purchase HP\n";

cin>>hp\_purchase;

//loop for purchasing HP

switch(hp\_purchase)

{

case'A':

case'a':

{

hp=hp+10;

cash=cash-40;

cout<<"You've Chosen to buy 10HP. Your new HP value is: "<<hp<<" and you now have "<<cash<< "dollars!\n";

break;

}

case'B':

case'b':

{

hp=hp+25;

cash=cash-80;

cout<<"You've Chosen to buy 25HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'C':

case'c':

{

hp=hp+60;

cash=cash-120;

cout<<"You've Chosen to buy 60HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'D':

case'd':

{

hp=hp+90;

cash=cash-290;

cout<<"You've Chosen to buy 90HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'E':

case'e':

{

hp=hp+200;

cash=cash-500;

cout<<"You've Chosen to buy 200HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'F':

case'f':

{

hp=hp;

cash=cash;

cout<<"You've Chosen to buy 0HP. Your HP value is:"<<hp<<" and you have"<<cash<< "dollars!\n";

break;

}

}

//Start of game

cout<<endl<<"Now you're ready to start your journey!\n"

<<"Press any key to start\n";

cin>>dummy;

char choice;

//Loop for the game possibilities

for (sta = 0; sta < 7 && hp < 0 && hp>1000; sta++)

{

random = rand()%100+1;

// First possible Event

if(random>=1 && random<=8)

{

cout<<endl<<"Your family is Starving! You can go out hunting or you could let your family starve and lose HP!\n";

cout<<"If you would like to go hunting 'Y'. If you don't want to press 'N'\n";

//cin.ignore(INT\_MAX);

//cin.get();

//cout<<"\nTEST\n";

cin>>choice;

//cout<<"\nTEST\n";

//choice = 'y';

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<3)

{

hp=hp-20;

cout<<endl<<"Your pathetic attempt at hunting failed! You have tried to hunt a bear and the bear hunted you!\n"

<<" you've lost 25HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+20;

cout<<endl<<"You've succeeded at hunting! You Murdered a bear with your bare hands! You're a badass!\n"

<<"You've gained 20HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Second possible Event

if(random>8 && random<=16)

{

cout<<endl<<"You're being ransacked!\n";

cout<<"If you would like to fight press'Y'. If you want to pretend to sleep and let them pillage you press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<2)

{

hp=hp-40;

cash=cash-30;

cout<<endl<<"Your were outnumbered and out gunned! You lost he fight and got wounded in the process ";

cout<<"you also lost 30 dollars!\n";

cout<<" you've lost 40HP, your new HP is" <<hp <<"you lost 30 dollars now you have: " <<cash<< "dollars!\n";

}

else

{

cash=cash+50;

hp=hp-10;

cout<<endl<<"You've won the fight but you were mildly wounded. The ransackers dropped money while escaping!\n"

<<"You've lost 10HP, your new HP is:"<<hp<<"and you gained 50 dollars, now you have have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-30;

cash=cash-30;

cout<<endl<<"You were a coward and had much of your supplies and money stolen!!\n"

<<"You lost 30 HP,your new HP is " <<hp<< "you lost 30 dollars now you have" <<cash<< "dollars!\n";

}

}

// Third possible Event

if(random>16 && random <=24)

{

cout<<endl<<"Your family is Starving! You find road kill, you can take a chance and eat it or you could let your family starve and lose HP!\n";

cout<<"If you would like to eat road kill press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

//random again function

if(random\_2<5)

{

hp=hp+15;

cout<<endl<<"You're one crazy bastard! But you've got a gut of metal! The road kill was delicious and you feel better\n"

<<" you've gained 15HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+45;

cout<<endl<<"You're disgusting! You've gotten incredibly ill! You've lost HP\n"

<<"You've lost 45 HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

//start of no event

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

//end of no event

}

// Fourth possible Event

if(random>24 && random<=32)

{

cout<<endl<<"A man driving by challenges you to a race! He bets 30 dollars and 40 HP!\n";

cout<<"If you would like to race press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

//Random function again

random\_2= rand()%10+1;

if(random\_2<5)

{

cash=cash-30;

hp=hp-40;

cout<<endl<<"You lost the race and the bet! Your Driving skill needs work!\n"

<<" you've lost 40HP, your new HP is" <<hp <<"and you also lost 30 dollars, now you have" <<cash<< "dollars!\n";

}

else

{

cash=cash+30;

hp=hp+40;

cout<<endl<<"You've won! That was surprising..\n"

<<"You've gained 40HP, your new HP is:"<<hp<<"and you gained 30 dollars, now you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

cout<<endl<<"Your family loses respect for you..\n"

<<"Your HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

//Fifth possible event

if(random>40 && random<=48)

{

cout<<endl<<"You see an innocent looking man on he road who is asking for help!\n";

cout<<"If you would like to help, press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='N' || choice=='n' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-30;

cout<<endl<<"The man hold a grudge against you. He find you at the next camp and attacks you!\n"

<<" you've lost 30HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp;

cout<<endl<<"You continue your journey with he lingering though that the man you saw could be dead all because you did no help.\n"

<<"You've gained 0 HP, your HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='Y'||choice=='y')

{

//random formula #2

hp=hp+25;

cout<<endl<<"He was actually just stretching but is so impressed by your good will that he rewards you with food!\n"

<<"Your HP increases by 25 your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Sixth possible Event

if(random>48 && random<=56)

{

cout<<endl<<"Youmust hunt to feed your family!\n";

cout<<"If you would like to hunt click 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<3)

{

hp=hp-20;

cout<<endl<<"Your pathetic attempt at hunting failed! You have tried to hunt a bear and the bear hunted you!\n"

<<" you've lost 25HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+20;

cout<<endl<<"You've succeeded at hunting! You Murdered a bear with your bare hands! You're a badass!\n"

<<"You've gained 20HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Seventh possible Event

if(random>56 && random<=62)

{

cout<<endl<<"You've found a sketchy looking man selling HP at 60HP for 20 dollars!!\n";

cout<<"If you would like to go buy press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<8)

{

cash=cash-20;

hp=hp-40;

cout<<endl<<"It was an rotten food! You get sick and loose your money..\n"

<<" you've lost 40HP, your new HP is" <<hp <<"and lost 20 dollars, you now have :" <<cash<< "dollars!\n";

}

else

{

hp=hp+60;

cash=cash-20;

cout<<endl<<"You've made a great deal! What a sucker!\n"

<<"You've gained 60HP, your new HP is:"<<hp<<"and you lost 20 dollars, now you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp;

cout<<endl<<"Life is good!\n"

<<"Your HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// 8th possible Event

if(random>62 && random<=70)

{

cout<<endl<<"You got bitten by a poisonous snake! You could lose less HP if you have your wife suck he poison out!\n";

cout<<"If you would like to try it, press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-60;

cout<<endl<<"Your wife did it incorrectly and go herself poisoned too!!\n"

<<" you've lost 60HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-10;

cout<<endl<<"Your wife succeeded at sucking out the poison!! You only have mild swelling \n"

<<"You've lost only 10HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-40;

cout<<endl<<"You take the pain and pay for it! You can't move your foot for a week\n"

<<"You lose 40 HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// 9th possible Event \*\*LOOOOOOOOOOOOOOOOOOW Prov

if(random>110 && random<=104)

{

cout<<endl<<"Crashed and died..!\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp-10000;

}

// 10th possible event \*\* LOOOOOOOOOW

if(random>104 && random<=108)

{

cout<<endl<<"You decide that Oregon is bullshit and move to socialist Norway and life you life living of the government! !\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp+10000;

}

// 11th Possible Event

if(random>70 && random<=78)

{

cout<<endl<<"You've been feeling stressed out stress can decrease your HP. A lady of the night(hooker) says she can help you relieve stress for only 20 dollars !\n";

cout<<"If you would like to go engage press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+30;

cash=cash-30;

cout<<endl<<"What a good night!\n";

cout<<" You've gained 30 HP, your new HP is" <<hp <<"and you have lost 30 dollars. Now you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cash=cash-30;

cout<<endl<<"You got sick! Wrap it up next time!\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"and you lost 30 cash, now you have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+10;

cash=cash;

cout<<endl<<"After the encounter with the hooker you start to laugh. All you needed was a good laugh!!\n";

cout<<" You've gained 10 HP, your new HP is" <<hp <<"and you have:" <<cash<< " dollars!\n";

}

else

{

hp=hp-15;

cash=cash;

cout<<endl<<"You still feel stressed.. You head starts hurting..\n"

<<"You've lost 15HP, your new HP is:"<<hp<<"and you have "<<cash<<"dollars!\n";

}

}

}

//12th Event

if(random>86 && random<=94)

{

cout<<endl<<"Your Radiator busted from the high heat! You find a family camping about 2 miles from your own camp with a similar one\n";

cout<<"You need it or you will have to drive without the A/C and risk getting a heatstroke..You think about maybe stealing it\n";

cout<<"If you would like steal then press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<3)

{

hp=hp;

cout<<endl<<"You got a radiator and can continue on your journey! Poor family though\n";

cout<<" Your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cout<<endl<<"You failed at stealing it and their guard dog attacks you!\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"You have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

hp=hp-30;

cash=cash;

cout<<endl<<"You end up driving without the A/C to try to prevent overheating but you get sick in the process\n";

cout<<" You've lost 30 HP, your new HP is" <<hp <<"and you have:" <<cash<< " dollars!\n";

}

}

//13th possible event

if(random>94 && random<=102)

{

cout<<endl<<"Your family is starving. You find some wild berries\n";

cout<<"If you would like to go pick them then press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+20;

cash=cash;

cout<<endl<<"The Berries were amazing!!\n";

cout<<" You've gained 20 HP, your new HP is" <<hp <<"and you have " <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cout<<endl<<"You got sick! Those berries were very bad..\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

hp=hp-30;

cout<<"Your Family starves for a day..\n"

<<"You've lost 30HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

}

// 14th possible Event

if(random>102 && random<=110)

{

cout<<endl<<"Your wife is pregnant! It adds to you stress..!\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp-30;

cout<<"Too much stress man..\n"

<<"You've lost 30HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

//last of loop

}

if (hp>0)

{

cout<<endl;

cout<<"Congratulations! You have made it to Oregon!!! Play again?";

cout<<endl;

cout<<endl;

}

else

{

cout<<endl;

cout<<"Game over.. You suck!!\n";

cout<<"Try again?\n"<<endl;

cout<<endl;

cout<<endl;

}

}

//Accord with shotgun

void problem5(){

int cash, hp,random, gun\_random, random\_2, sta;

char hp\_purchase, dummy;//, choice;

hp=70;

cash=500;

string filename = "art.txt";

const int SIZE = 10;

string art[SIZE];

string art4[SIZE];

readFromFile(filename,art,SIZE);

filename = "art4.txt";

readFromFile(filename,art4,SIZE);

cout<<"Congratulations on your purchase of a Honda Accord and a handgun!\n"

"Now your have a total of " <<cash<<" Dollars.\n";

printArray(art4,SIZE);

cin>>dummy;

cout<<"Before we embark on our journey you must purchase HP. You have 70HP by default.\n";

cout<<"Don't use up all your money though! You could find shops with much cheeper prices in your journey or you could need your money to get out of a hairy situation!\n";

cout<<"You can purchase more for the price of:\n";

cout<<" 10HP for 40 dollars (Press A to purchase)\n";

cout<<" 25HP for 80 dollars (Press B to purchase)\n";

cout<<" 60HP for 120 dollars (Press C to purchase)\n";

cout<<" 90HP for 290 dollars (Press D to purchase)\n";

cout<<" 200HP for 500 dollars (Press E to purchase)\n";

cout<<" Press F if you would like not purchase HP\n";

cin>>hp\_purchase;

//loop for purchasing HP

switch(hp\_purchase)

{

case'A':

case'a':

{

hp=hp+10;

cash=cash-40;

cout<<"You've Chosen to buy 10HP. Your new HP value is: "<<hp<<" and you now have "<<cash<< "dollars!\n";

break;

}

case'B':

case'b':

{

hp=hp+25;

cash=cash-80;

cout<<"You've Chosen to buy 25HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'C':

case'c':

{

hp=hp+60;

cash=cash-120;

cout<<"You've Chosen to buy 60HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'D':

case'd':

{

hp=hp+90;

cash=cash-290;

cout<<"You've Chosen to buy 90HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'E':

case'e':

{

hp=hp+200;

cash=cash-500;

cout<<"You've Chosen to buy 200HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'F':

case'f':

{

hp=hp;

cash=cash;

cout<<"You've Chosen to buy 0HP. Your HP value is:"<<hp<<" and you have"<<cash<< "dollars!\n";

break;

}

}

//Start of game

cout<<endl<<"Now you're ready to start your journey!\n"

<<"Press any key to start\n";

cin>>dummy;

char choice;

//Loop for the game possibilities

for (sta = 0; sta < 12 || hp < 0 || hp>1000; sta++)

{

random = rand()%100+1;

// First possible Event

if(random>=1 && random<=8)

{

cout<<endl<<"Your family is Starving! You can go out hunting or you could let your family starve and lose HP!\n";

cout<<"If you would like to go hunting 'Y'. If you don't want to press 'N'\n";

//cin.ignore(INT\_MAX);

//cin.get();

//cout<<"\nTEST\n";

cin>>choice;

//cout<<"\nTEST\n";

//choice = 'y';

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<3)

{

hp=hp-20;

cout<<endl<<"Your pathetic attempt at hunting failed! You have tried to hunt a bear and the bear hunted you!\n"

<<" you've lost 25HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+20;

cout<<endl<<"You've succeeded at hunting! You Murdered a bear with your bare hands! You're a badass!\n"

<<"You've gained 20HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Second possible Event

if(random>8 && random<=16)

{

cout<<endl<<"You're being ransacked!\n";

cout<<"If you would like to fight press'Y'. If you want to pretend to sleep and let them pillage you press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-40;

cash=cash-30;

cout<<endl<<"Your were outnumbered and out gunned! You lost he fight and got wounded in the process ";

cout<<"you also lost 30 dollars!\n";

cout<<" you've lost 40HP, your new HP is" <<hp <<"you lost 30 dollars now you have: " <<cash<< "dollars!\n";

}

else

{

cash=cash+50;

hp=hp-10;

cout<<endl<<"You've won the fight but you were mildly wounded. The ransackers dropped money while escaping!\n"

<<"You've lost 10HP, your new HP is:"<<hp<<"and you gained 50 dollars, now you have have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-30;

cash=cash-30;

cout<<endl<<"You were a coward and had much of your supplies and money stolen!!\n"

<<"You lost 30 HP,your new HP is " <<hp<< "you lost 30 dollars now you have" <<cash<< "dollars!\n";

}

}

// Third possible Event

if(random>16 && random <=24)

{

cout<<endl<<"Your family is Starving! You find road kill, you can take a chance and eat it or you could let your family starve and lose HP!\n";

cout<<"If you would like to eat road kill press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

//random again function

if(random\_2<5)

{

hp=hp+15;

cout<<endl<<"You're one crazy bastard! But you've got a gut of metal! The road kill was delicious and you feel better\n"

<<" you've gained 15HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+45;

cout<<endl<<"You're disgusting! You've gotten incredibly ill! You've lost HP\n"

<<"You've lost 45 HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

//start of no event

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

//end of no event

}

// Fourth possible Event

if(random>24 && random<=32)

{

cout<<endl<<"A man driving by challenges you to a race! He bets 30 dollars and 40 HP!\n";

cout<<"If you would like to race press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

//Random function again

random\_2= rand()%10+1;

if(random\_2<5)

{

cash=cash-30;

hp=hp-40;

cout<<endl<<"You lost the race and the bet! Your Driving skill needs work!\n"

<<" you've lost 40HP, your new HP is" <<hp <<"and you also lost 30 dollars, now you have" <<cash<< "dollars!\n";

}

else

{

cash=cash+30;

hp=hp+40;

cout<<endl<<"You've won! That was surprising..\n"

<<"You've gained 40HP, your new HP is:"<<hp<<"and you gained 30 dollars, now you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

cout<<endl<<"Your family loses respect for you..\n"

<<"Your HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

//Fifth possible event

if(random>40 && random<=48)

{

cout<<endl<<"You see an innocent looking man on he road who is asking for help!\n";

cout<<"If you would like to help, press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='N' || choice=='n' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-30;

cout<<endl<<"The man hold a grudge against you. He find you at the next camp and attacks you!\n"

<<" you've lost 30HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp;

cout<<endl<<"You continue your journey with he lingering though that the man you saw could be dead all because you did no help.\n"

<<"You've gained 0 HP, your HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='Y'||choice=='y')

{

//random formula #2

hp=hp+25;

cout<<endl<<"He was actually just stretching but is so impressed by your good will that he rewards you with food!\n"

<<"Your HP increases by 25 your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Sixth possible Event

if(random>48 && random<=56)

{

cout<<endl<<"You must hunt to feed your family!!\n";

cout<<"If you would like to hunt click 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<3)

{

hp=hp-20;

cout<<endl<<"Your pathetic attempt at hunting failed! You have tried to hunt a bear and the bear hunted you!\n"

<<" you've lost 25HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+20;

cout<<endl<<"You've succeeded at hunting! You Murdered a bear with your bare hands! You're a badass!\n"

<<"You've gained 20HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Seventh possible Event

if(random>56 && random<=62)

{

cout<<endl<<"You've found a sketchy looking man selling HP at 60HP for 20 dollars!!\n";

cout<<"If you would like to go buy press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<8)

{

cash=cash-20;

hp=hp-40;

cout<<endl<<"It was an rotten food! You get sick and loose your money..\n"

<<" you've lost 40HP, your new HP is" <<hp <<"and lost 20 dollars, you now have :" <<cash<< "dollars!\n";

}

else

{

hp=hp+60;

cash=cash-20;

cout<<endl<<"You've made a great deal! What a sucker!\n"

<<"You've gained 60HP, your new HP is:"<<hp<<"and you lost 20 dollars, now you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp;

cout<<endl<<"Life is good!\n"

<<"Your HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// 8th possible Event

if(random>62 && random<=70)

{

cout<<endl<<"You got bitten by a poisonous snake! You could lose less HP if you have your wife suck he poison out!\n";

cout<<"If you would like to try it, press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-60;

cout<<endl<<"Your wife did it incorrectly and go herself poisoned too!!\n"

<<" you've lost 60HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-10;

cout<<endl<<"Your wife succeeded at sucking out the poison!! You only have mild swelling \n"

<<"You've lost only 10HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-40;

cout<<endl<<"You take the pain and pay for it! You can't move your foot for a week\n"

<<"You lose 40 HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// 9th possible Event \*\*LOOOOOOOOOOOOOOOOOOW Prov

if(random>110 && random<=104)

{

cout<<endl<<"Crashed and died..!\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp-10000;

}

// 10th possible event \*\* LOOOOOOOOOW

if(random>104 && random<=108)

{

cout<<endl<<"You decide that Oregon is bullshit and move to socialist Norway and life you life living of the government! !\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp+10000;

}

// 11th Possible Event

if(random>70 && random<=78)

{

cout<<endl<<"You've been feeling stressed out stress can decrease your HP. A lady of the night(hooker) says she can help you relieve stress for only 20 dollars !\n";

cout<<"If you would like to go engage press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+30;

cash=cash-30;

cout<<endl<<"What a good night!\n";

cout<<" You've gained 30 HP, your new HP is" <<hp <<"and you have lost 30 dollars. Now you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cash=cash-30;

cout<<endl<<"You got sick! Wrap it up next time!\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"and you lost 30 cash, now you have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+10;

cash=cash;

cout<<endl<<"After the encounter with the hooker you start to laugh. All you needed was a good laugh!!\n";

cout<<" You've gained 10 HP, your new HP is" <<hp <<"and you have:" <<cash<< " dollars!\n";

}

else

{

hp=hp-15;

cash=cash;

cout<<endl<<"You still feel stressed.. You head starts hurting..\n"

<<"You've lost 15HP, your new HP is:"<<hp<<"and you have "<<cash<<"dollars!\n";

}

}

}

//12th Event

if(random>86 && random<=94)

{

cout<<endl<<"Your Radiator busted from the high heat! You find a family camping about 2 miles from your own camp with a similar one\n";

cout<<"You need it or you will have to drive without the A/C and risk getting a heatstroke..You think about maybe stealing it\n";

cout<<"If you would like steal then press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<3)

{

hp=hp;

cout<<endl<<"You got a radiator and can continue on your journey! Poor family though\n";

cout<<" Your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cout<<endl<<"You failed at stealing it and their guard dog attacks you!\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"You have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

hp=hp-30;

cash=cash;

cout<<endl<<"You end up driving without the A/C to try to prevent overheating but you get sick in the process\n";

cout<<" You've lost 30 HP, your new HP is" <<hp <<"and you have:" <<cash<< " dollars!\n";

}

}

//13th possible event

if(random>94 && random<=102)

{

cout<<endl<<"Your family is starving. You find some wild berries\n";

cout<<"If you would like to go pick them then press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+20;

cash=cash;

cout<<endl<<"The Berries were amazing!!\n";

cout<<" You've gained 20 HP, your new HP is" <<hp <<"and you have " <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cout<<endl<<"You got sick! Those berries were very bad..\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

hp=hp-30;

cout<<"Your Family starves for a day..\n"

<<"You've lost 30HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

}

// 14th possible Event

if(random>102 && random<=110)

{

cout<<endl<<"Your wife is pregnant! It adds to you stress..!\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp-30;

cout<<"Too much stress man..\n"

<<"You've lost 30HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

//last of loop

}

if (hp>0)

{

cout<<endl;

cout<<"Congratulations! You have made it to Oregon!!! Play again?";

cout<<endl;

cout<<endl;

}

else

{

cout<<endl;

cout<<"Game over.. You suck!!\n";

cout<<"Try again?\n"<<endl;

cout<<endl;

cout<<endl;

}

ofstream outputFile;

string word1,word2,word3;

outputFile.open("last\_word.txt");

cout<<"You've completed the game!\n";

cout<<" Tell me three words that descrive this game and Ill be sure to remember them by writing them down on a text file!"<<endl;

cin>>word1;

cin>>word2;

cin>>word3;

cout<<"Hmm... so you think the game is ";

cout<<word1;

cout<<" ";

cout<<word2;

cout<<" and ";

cout<<word3;

cout<<". Alright! I'be sure to write it down! Press any key to play again.\n";

cin>>dummy;

outputFile<<word1<<endl;

outputFile<<word2<<endl;

outputFile<<word3<<endl;

outputFile.close();

}

//van with shotgun

void problem6(){

int cash, hp,random, gun\_random, random\_2, sta;

char hp\_purchase, dummy;//, choice;

string filename = "art.txt";

const int SIZE = 7;

string art[SIZE];

string art3[SIZE];

readFromFile(filename,art,SIZE);

filename = "art3.txt";

readFromFile(filename,art3,SIZE);

hp=70;

cash=700;

cout<<"Congratulations on your purchase of a Van and a Shotgun!\n"

"Now your have a total of " <<cash<<" Dollars.\n";

printArray(art3,SIZE);

cin>>dummy;

cout<<"Before we embark on our journey you must purchase HP. You have 70HP by default.\n";

cout<<"Don't use up all your money though! You could find shops with much cheeper prices in your journey or you could need your money to get out of a hairy situation!\n";

cout<<"You can purchase more for the price of:\n";

cout<<" 10HP for 40 dollars (Press A to purchase)\n";

cout<<" 25HP for 80 dollars (Press B to purchase)\n";

cout<<" 60HP for 120 dollars (Press C to purchase)\n";

cout<<" 90HP for 290 dollars (Press D to purchase)\n";

cout<<" 200HP for 500 dollars (Press E to purchase)\n";

cout<<" Press F if you would like not purchase HP\n";

cin>>hp\_purchase;

//loop for purchasing HP

switch(hp\_purchase)

{

case'A':

case'a':

{

hp=hp+10;

cash=cash-40;

cout<<"You've Chosen to buy 10HP. Your new HP value is: "<<hp<<" and you now have "<<cash<< "dollars!\n";

break;

}

case'B':

case'b':

{

hp=hp+25;

cash=cash-80;

cout<<"You've Chosen to buy 25HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'C':

case'c':

{

hp=hp+60;

cash=cash-120;

cout<<"You've Chosen to buy 60HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'D':

case'd':

{

hp=hp+90;

cash=cash-290;

cout<<"You've Chosen to buy 90HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'E':

case'e':

{

hp=hp+200;

cash=cash-500;

cout<<"You've Chosen to buy 200HP. Your new HP value is:"<<hp<<" and you now have"<<cash<< "dollars!\n";

break;

}

case'F':

case'f':

{

hp=hp;

cash=cash;

cout<<"You've Chosen to buy 0HP. Your HP value is:"<<hp<<" and you have"<<cash<< "dollars!\n";

break;

}

}

//Start of game

cout<<endl<<"Now you're ready to start your journey!\n"

<<"Press any key to start\n";

cin>>dummy;

char choice;

//Loop for the game possibilities

for (sta = 0; sta < 16 && hp > 0 && hp<1000; sta++)

{

random = rand()%100+1;

// First possible Event

if(random>=1 && random<=8)

{

cout<<endl<<"Your family is Starving! You can go out hunting or you could let your family starve and lose HP!\n";

cout<<"If you would like to go hunting 'Y'. If you don't want to press 'N'\n";

//cin.ignore(INT\_MAX);

//cin.get();

//cout<<"\nTEST\n";

cin>>choice;

//cout<<"\nTEST\n";

//choice = 'y';

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<3)

{

hp=hp-20;

cout<<endl<<"Your pathetic attempt at hunting failed! You have tried to hunt a bear and the bear hunted you!\n"

<<" you've lost 25HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+20;

cout<<endl<<"You've succeeded at hunting! You Murdered a bear with your bare hands! You're a badass!\n"

<<"You've gained 20HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Second possible Event

if(random>8 && random<=16)

{

cout<<endl<<"You're being ransacked!\n";

cout<<"If you would like to fight press'Y'. If you want to pretend to sleep and let them pillage you press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-40;

cash=cash-30;

cout<<endl<<"Your were outnumbered and out gunned! You lost he fight and got wounded in the process ";

cout<<"you also lost 30 dollars!\n";

cout<<" you've lost 40HP, your new HP is" <<hp <<"you lost 30 dollars now you have: " <<cash<< "dollars!\n";

}

else

{

cash=cash+50;

hp=hp-10;

cout<<endl<<"You've won the fight but you were mildly wounded. The ransackers dropped money while escaping!\n"

<<"You've lost 10HP, your new HP is:"<<hp<<"and you gained 50 dollars, now you have have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-30;

cash=cash-30;

cout<<endl<<"You were a coward and had much of your supplies and money stolen!!\n"

<<"You lost 30 HP,your new HP is " <<hp<< "you lost 30 dollars now you have" <<cash<< "dollars!\n";

}

}

// Third possible Event

if(random>16 && random <=24)

{

cout<<endl<<"Your family is Starving! You find road kill, you can take a chance and eat it or you could let your family starve and lose HP!\n";

cout<<"If you would like to eat road kill press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

//random again function

if(random\_2<5)

{

hp=hp+15;

cout<<endl<<"You're one crazy bastard! But you've got a gut of metal! The road kill was delicious and you feel better\n"

<<" you've gained 15HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+45;

cout<<endl<<"You're disgusting! You've gotten incredibly ill! You've lost HP\n"

<<"You've lost 45 HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

//start of no event

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

//end of no event

}

// Fourth possible Event

if(random>24 && random<=32)

{

cout<<endl<<"A man driving by challenges you to a race! He bets 30 dollars and 40 HP!\n";

cout<<"If you would like to race press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

//Random function again

random\_2= rand()%10+1;

if(random\_2<5)

{

cash=cash-30;

hp=hp-40;

cout<<endl<<"You lost the race and the bet! Your Driving skill needs work!\n"

<<" you've lost 40HP, your new HP is" <<hp <<"and you also lost 30 dollars, now you have" <<cash<< "dollars!\n";

}

else

{

cash=cash+30;

hp=hp+40;

cout<<endl<<"You've won! That was surprising..\n"

<<"You've gained 40HP, your new HP is:"<<hp<<"and you gained 30 dollars, now you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

cout<<endl<<"Your family loses respect for you..\n"

<<"Your HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

//Fifth possible event

if(random>40 && random<=48)

{

cout<<endl<<"You see an innocent looking man on he road who is asking for help!\n";

cout<<"If you would like to help, press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='N' || choice=='n' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-30;

cout<<endl<<"The man hold a grudge against you. He find you at the next camp and attacks you!\n"

<<" you've lost 30HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp;

cout<<endl<<"You continue your journey with he lingering though that the man you saw could be dead all because you did no help.\n"

<<"You've gained 0 HP, your HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='Y'||choice=='y')

{

//random formula #2

hp=hp+25;

cout<<endl<<"He was actually just stretching but is so impressed by your good will that he rewards you with food!\n"

<<"Your HP increases by 25 your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Sixth possible Event

if(random>48 && random<=56)

{

cout<<endl<<"You must once again hunt to feed your family!\n";

cout<<"If you would like to hunt click 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<3)

{

hp=hp-20;

cout<<endl<<"Your pathetic attempt at hunting failed! You have tried to hunt a bear and the bear hunted you!\n"

<<" you've lost 25HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp+20;

cout<<endl<<"You've succeeded at hunting! You Murdered a bear with your bare hands! You're a badass!\n"

<<"You've gained 20HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-20;

cout<<endl<<"Your family starved for a day. You've lost 20HP!\n"

<<"Your new HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// Seventh possible Event

if(random>56 && random<=62)

{

cout<<endl<<"You've found a sketchy looking man selling HP at 60HP for 20 dollars!!\n";

cout<<"If you would like to go buy press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<8)

{

cash=cash-20;

hp=hp-40;

cout<<endl<<"It was an rotten food! You get sick and loose your money..\n"

<<" you've lost 40HP, your new HP is" <<hp <<"and lost 20 dollars, you now have :" <<cash<< "dollars!\n";

}

else

{

hp=hp+60;

cash=cash-20;

cout<<endl<<"You've made a great deal! What a sucker!\n"

<<"You've gained 60HP, your new HP is:"<<hp<<"and you lost 20 dollars, now you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp;

cout<<endl<<"Life is good!\n"

<<"Your HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// 8th possible Event

if(random>62 && random<=70)

{

cout<<endl<<"You got bitten by a poisonous snake! You could lose less HP if you have your wife suck he poison out!\n";

cout<<"If you would like to try it, press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp-60;

cout<<endl<<"Your wife did it incorrectly and go herself poisoned too!!\n"

<<" you've lost 60HP, your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-10;

cout<<endl<<"Your wife succeeded at sucking out the poison!! You only have mild swelling \n"

<<"You've lost only 10HP, your new HP is:"<<hp<<"and you have"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

//random formula #2

hp=hp-40;

cout<<endl<<"You take the pain and pay for it! You can't move your foot for a week\n"

<<"You lose 40 HP is " <<hp<< "and you have" <<cash<< "dollars!\n";

}

}

// 9th possible Event \*\*LOOOOOOOOOOOOOOOOOOW Prov

if(random>110 && random<=104)

{

cout<<endl<<"Crashed and died..!\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp-10000;

}

// 10th possible event \*\* LOOOOOOOOOW

if(random>104 && random<=108)

{

cout<<endl<<"You decide that Oregon is bullshit and move to socialist Norway and life you life living of the government! !\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp+10000;

}

// 11th Possible Event

if(random>70 && random<=78)

{

cout<<endl<<"You've been feeling stressed out stress can decrease your HP. A lady of the night(hooker) says she can help you relieve stress for only 20 dollars !\n";

cout<<"If you would like to go engage press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+30;

cash=cash-30;

cout<<endl<<"What a good night!\n";

cout<<" You've gained 30 HP, your new HP is" <<hp <<"and you have lost 30 dollars. Now you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cash=cash-30;

cout<<endl<<"You got sick! Wrap it up next time!\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"and you lost 30 cash, now you have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+10;

cash=cash;

cout<<endl<<"After the encounter with the hooker you start to laugh. All you needed was a good laugh!!\n";

cout<<" You've gained 10 HP, your new HP is" <<hp <<"and you have:" <<cash<< " dollars!\n";

}

else

{

hp=hp-15;

cash=cash;

cout<<endl<<"You still feel stressed.. You head starts hurting..\n"

<<"You've lost 15HP, your new HP is:"<<hp<<"and you have "<<cash<<"dollars!\n";

}

}

}

//12th Event

if(random>86 && random<=94)

{

cout<<endl<<"Your Radiator busted from the high heat! You find a family camping about 2 miles from your own camp with a similar one\n";

cout<<"You need it or you will have to drive without the A/C and risk getting a heatstroke..You think about maybe stealing it\n";

cout<<"If you would like steal then press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<3)

{

hp=hp;

cout<<endl<<"You got a radiator and can continue on your journey! Poor family though\n";

cout<<" Your new HP is" <<hp <<"and you have" <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cout<<endl<<"You failed at stealing it and their guard dog attacks you!\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"You have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

hp=hp-30;

cash=cash;

cout<<endl<<"You end up driving without the A/C to try to prevent overheating but you get sick in the process\n";

cout<<" You've lost 30 HP, your new HP is" <<hp <<"and you have:" <<cash<< " dollars!\n";

}

}

//13th possible event

if(random>94 && random<=102)

{

cout<<endl<<"Your family is starving. You find some wild berries\n";

cout<<"If you would like to go pick them then press 'Y'. If you don't want to press 'N'\n";

cin>>choice;

//start of yes event

if (choice=='Y' || choice=='y' )

{

random\_2= rand()%10+1;

if(random\_2<5)

{

hp=hp+20;

cash=cash;

cout<<endl<<"The Berries were amazing!!\n";

cout<<" You've gained 20 HP, your new HP is" <<hp <<"and you have " <<cash<< "dollars!\n";

}

else

{

hp=hp-40;

cout<<endl<<"You got sick! Those berries were very bad..\n"

<<"You've lost 40HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

//end random yes event

}

if (choice=='N'||choice=='n')

{

hp=hp-30;

cout<<"Your Family starves for a day..\n"

<<"You've lost 30HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

}

// 14th possible Event

if(random>102 && random<=110)

{

cout<<endl<<"Your wife is pregnant! It adds to you stress..!\n";

cout<<"Press any key to continue.\n";

cin>>dummy;

hp=hp-30;

cout<<"Too much stress man..\n"

<<"You've lost 30HP, your new HP is:"<<hp<<"and you have:"<<cash<<"dollars!\n";

}

//last of loop

}

if (hp>0)

{

cout<<endl;

cout<<"Congratulations! You have made it to Oregon!!! Play again?";

cout<<endl;

cout<<endl;

}

else

{

cout<<endl;

cout<<"Game over.. You suck!!\n";

cout<<"Try again?\n"<<endl;

cout<<endl;

cout<<endl;

}

ofstream outputFile;

string word1,word2,word3;

outputFile.open("last\_word.txt");

cout<<"You've completed the game!\n";

cout<<" Tell me three words that descrive this game and Ill be sure to remember them by writing them down on a text file!"<<endl;

cin>>word1;

cin>>word2;

cin>>word3;

cout<<"Hmm... so you think the game is ";

cout<<word1;

cout<<" ";

cout<<word2;

cout<<" and ";

cout<<word3;

cout<<". Alright! I'be sure to write it down! Press any key to play again.\n";

cin>>dummy;

outputFile<<word1<<endl;

outputFile<<word2<<endl;

outputFile<<word3<<endl;

outputFile.close();

}

void readFromFile(string name, string art[], const int SIZE){

fstream artfile;

artfile.open(name.c\_str());

for(int i=0;i<SIZE;i++)

getline(artfile,art[i]);

artfile.close();

}

void printArray(string art[], const int SIZE){

for(int i=0;i<SIZE;i++)

cout<<art[i]<<endl;

}

int distance(int number){

number=1600-number;

return (number);

}

//Exit Comment

void def(int inN){

cout<<"You typed "<<inN<<" to exit the program"<<endl;

}