#include <iostream>

JEREMY FANUEL

218116757

#include <cstdlib>

#include <time.h>

#include <string>

using namespace std;

bool user1 = true;

bool iman = true;

int angka1;

bool menu = 1;

int menu2 = 0;

int i, j, k;

int pilih;

int total;

int ai = 0;

int player1;

int hasil, hasil2 = 0, hasilai = 0;

int player2;

int sump1 = 0, sump2 = 0;

int temp;

char over;

int main()

{

srand(time(NULL));

while (menu == true) {

cout << "Masukkan angka awal : " << endl;

cin >> angka1;

if (angka1 <= 0) {

cout << "Masukkan angka awal : " << endl;

cin >> angka1;

}

else if (angka1 > 0) {

for (i = 1; i <= angka1; i++) {

if (i == 1 && angka1 > 0 && angka1 < 10) {

cout << "|\_\_\_\_\_" << "0" << angka1 << "\_\_\_\_\_|" << endl;

}

else if (i != 1) {

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

}

else {

cout << "|\_\_\_\_\_" << angka1 << "\_\_\_\_\_|" << endl;

}

}

}

cout << "Masukan pilihan menu : " << endl;

pilih = 0;

while (pilih == 0) {

cout << "1. VS AI" << endl;

cout << "2. VS PLAYER" << endl;

cin >> pilih;

if (pilih > 2) {

pilih = 0;

}

}

while (pilih == 1) {

while (user1 == true) {

cout << "Player 1 : " << endl;

cin >> player1;

if (player1 == 1 || player1 == 3 || player1 == 4) {

user1 = false;

iman = true;

hasil2 += player1;

hasil = angka1 - hasil2 - ai;

if (hasil > 0) {

for (i = 1; i <= angka1 - hasil; i++) {

cout << "| |" << endl;

}

for (i = 1; i <= hasil; i++) {

if (i == 1) {

if (hasil >= 10) {

cout << "|\_\_\_\_\_" << hasil << "\_\_\_\_\_|" << endl;

}

else {

cout << "|\_\_\_\_\_" << "0" << hasil << "\_\_\_\_\_|" << endl;

}}

else {

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

}}}

else {

user1 = true;

iman = true;

}}

else {

user1 = true; }

if (hasil == 0) {

user1 = false;

iman = false;

cout << "Player1 Menang";

pilih = 999;

}}

while (iman == true) {

ai = rand() % 5 + 1;

if (ai == 1 || ai == 3 || ai == 4) {

iman = false;

user1 = true;

cout << "AI : " << ai << endl;

hasilai += ai;

total = hasil - hasilai;

for (i = 1; i <= angka1 - total; i++) {

cout << "| |" << endl;

}

for (i = 1; i <= total; i++) {

if (i == 1) {

if (total >= 10) {

cout << "|\_\_\_\_\_" << total << "\_\_\_\_\_|" << endl;

}

else {

cout << "|\_\_\_\_\_" << "0" << total << "\_\_\_\_\_|" << endl;

}}

else {

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

}}

}

else {

iman = true;

}

if (total == 0) {

user1 = false;

iman = false;

cout << "AI MENANG" << endl;

pilih = 999;

}

if (total < 0) {

iman = false;

}}}

while (pilih == 2) {

cout << "user1 turun : ";

cin >> player1;

if (player1 == 1 || player1 == 3 || player1 == 4) {

sump1 += player1;

hasil = angka1 - (sump1 + sump2);

temp = sump1 + sump2;}

else {

sump1 = sump1;

hasil = angka1 - (sump1 + sump2);

temp = sump1 + sump2;}

if (player1 == 1 && hasil > 0 || player1 == 3 && hasil > 0 || player1 == 4 && hasil > 0) {

for (i = 1; i <= temp; i++) {

cout << "| |" << endl;

}

for (i = 1; i <= hasil; i++) {

if (i == 1) {

if (hasil > 10) {

cout << "|\_\_\_\_\_" << hasil << "\_\_\_\_\_|" << endl;

}

else {

cout << "|\_\_\_\_\_" << "0" << hasil << "\_\_\_\_\_|" << endl;

}}

else if (i == hasil) {

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

}

else {

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

}}}

if (hasil == 0) {

cout << "Player1 menang" << endl;

pilih = 999;

}

cout << "user2 turun : ";

cin >> player2;

if (player2 == 1 && hasil > 0 || player2 == 3 && hasil > 0 || player2 == 4 && hasil > 0) {

sump2 += player2;

hasil = angka1 - (sump1 + sump2);

temp = sump1 + sump2;

}

else {

sump2 = sump2;

hasil = angka1 - (sump1 + sump2);

temp = sump1 + sump2;

}

if (player2 == 1 || player2 == 3 || player2 == 4) {

for (i = 1; i <= temp; i++) {

cout << "| |" << endl;

}

for (i = 1; i <= hasil; i++) {

if (i == 1) {

if (hasil > 10) {

cout << "|\_\_\_\_\_" << hasil << "\_\_\_\_\_|" << endl;

}

else {

cout << "|\_\_\_\_\_" << "0" << hasil << "\_\_\_\_\_|" << endl;

}}

else if (i == hasil) {

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

}

else {

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

}}}

if (hasil == 0) {

cout << "Player2 menang" << endl;

pilih = 999;

}}

while (pilih = 999) {

cout << "Game Over. Want to play again ? (y/n)";

cin >> over;

if (over == 'y') {

user1 = true;

iman = true;

menu = true;

return main();

}

else if (over == 'n') {

cout << "See ya next time";

return 0;

}}

return 0;

}}