

PRAKTIKUM MINGGU 3

JEREMY FANUEL

218116757

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#include <iostream>
#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;
                }
            }
        }
    }
}
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        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;
                        }
                    }
                }
            }
        }
    }
}
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}  
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;  
                    }  
                }  
            }  
        }  
    }  
}
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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++) {
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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) {
```

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```
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;
}}
```