

LAPORAN PROJECT AKHIR SEMESTER
MATA KULIAH SISTEM OPERASI



PROGRAM PERMAINAN TEBAK ANGKA DAN HANGMAN

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PROGRAM STUDI SAINS DATA
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2022

1. Tampilan Halaman Utama



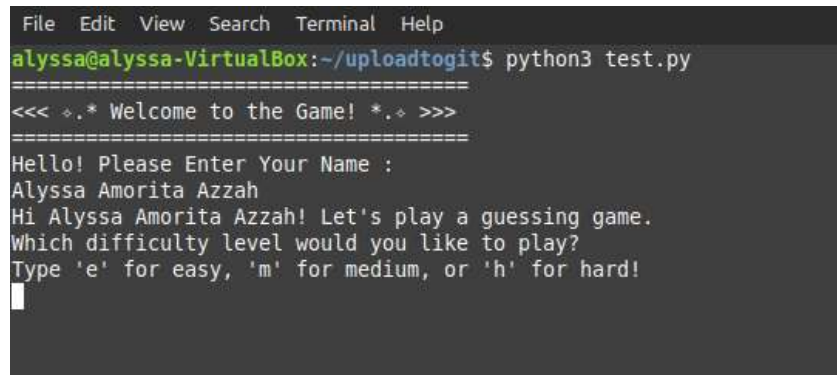
```
File Edit View Search Terminal Help
alyssa@alyssa-VirtualBox: ~/uploadtogit$ python3 test.py
=====
<<< *. Welcome to the Game! *. >>>
=====
Hello! Please Enter Your Name :

```

Figure 1. Tampilan Halaman Utama Game Tebak Angka

Pada halaman utama akan muncul tulisan “Welcome to the Game!” sebagai pembuka dari permainan. Kemudian di bawahnya akan dilanjut dengan tulisan “Hello! Please Enter Your Name : “. Pada bagian tersebut, kita diminta untuk menuliskan nama kita sebelum bermain game.

2. Setelah Input Nama



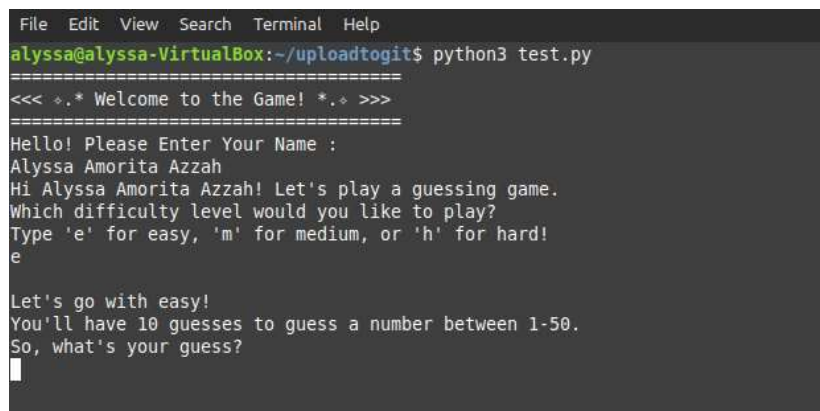
```
File Edit View Search Terminal Help
alyssa@alyssa-VirtualBox: ~/uploadtogit$ python3 test.py
=====
<<< *. Welcome to the Game! *. >>>
=====
Hello! Please Enter Your Name :
Alyssa Amorita Azzah
Hi Alyssa Amorita Azzah! Let's play a guessing game.
Which difficulty level would you like to play?
Type 'e' for easy, 'm' for medium, or 'h' for hard!

```

Figure 2. Tampilan Setelah Menginput Nama

Setelah menginput nama, maka selanjutnya akan muncul tampilan seperti gambar di atas. Kita akan diminta untuk memilih tingkat kesulitan permainan yang kita inginkan di antara 3 pilihan, yaitu easy, medium, dan hard. Untuk memilih tingkat kesulitan cukup hanya dengan mengetikkan ‘e’, ‘m’, atau ‘h’.

3. Setelah Memilih Tingkat Kesulitan



```
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=====
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Alyssa Amorita Azzah
Hi Alyssa Amorita Azzah! Let's play a guessing game.
Which difficulty level would you like to play?
Type 'e' for easy, 'm' for medium, or 'h' for hard!
e
Let's go with easy!
You'll have 10 guesses to guess a number between 1-50.
So, what's your guess?

```

Figure 3. Mulai Permainan

Setelah memilih tingkat kesulitan permainan, maka kita akan langsung diarahkan ke permainan. Misalnya seperti pada gambar di atas, kita memilih tingkat kesulitan ‘easy’. Itu

artinya kita mendapatkan 10 kesempatan untuk menebak angka antara 1-50.

4. Menebak Angka

```
File Edit View Search Terminal Help
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=====
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Alyssa Amorita Azzah
Hi Alyssa Amorita Azzah! Let's play a guessing game.
Which difficulty level would you like to play?
Type 'e' for easy, 'm' for medium, or 'h' for hard!
e

Let's go with easy!
You'll have 10 guesses to guess a number between 1-50.
So, what's your guess?
25
Nope, your guess is too high. Guess lower!
You have 9 guesses left!
So, what's your guess?
10
Nope, your guess is too high. Guess lower!
You have 8 guesses left!
So, what's your guess?
5
You've guessed the right number! 5
Congratulations Alyssa Amorita Azzah!

Would you like to play again?
Yes or No
```

Figure 4. Menebak Angka

Kemudian kita bisa menebak angka yang sudah ditentukan oleh sistem sampai kita menemukan jawaban yang benar. Apabila jawaban benar, maka akan mendapatkan pesan “You’ve guessed the right number! Congratulations!” dan akan diarahkan ke pertanyaan selanjutnya yang menanyakan apakah kita ingin bermain kembali atau tidak.

5. Tampilan Akhir

```
File Edit View Search Terminal Help
alyssa@alyssa-VirtualBox:~/uploadtogit$ python3 test.py
=====
<<< <.* Welcome to the Game! *.* >>>
=====
Hello! Please Enter Your Name :
Alyssa Amorita Azzah
Hi Alyssa Amorita Azzah! Let's play a guessing game.
Which difficulty level would you like to play?
Type 'e' for easy, 'm' for medium, or 'h' for hard!
e

Let's go with easy!
You'll have 10 guesses to guess a number between 1-50.
So, what's your guess?
25
Nope, your guess is too high. Guess lower!
You have 9 guesses left!
So, what's your guess?
10
Nope, your guess is too high. Guess lower!
You have 8 guesses left!
So, what's your guess?
5
You've guessed the right number! 5
Congratulations Alyssa Amorita Azzah!

Would you like to play again?
Yes or No
No

Thank you for playing, See you next time!
alyssa@alyssa-VirtualBox:~/uploadtogit$
```

Figure 5. Tampilan Akhir

Apabila kita memilih untuk tidak bermain kembali, maka permainan akan diselesaikan.

LINK GITHUB :

<https://github.com/alyssaamoritaa/21083010057/tree/main/ProjectAkhirSistemOperasi>