

Kelompok 2:

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1 import json, sys, os
2 from random import randint
3 from time import time
4
5 def get_id():
6     id = randint(1000000000, 9999999999)
7     return id
8
9 def get_password():
10     password = ""
11     while len(password) < 10:
12         password += chr(randint(97, 122))
13     return password
14
15 def get_data():
16     data = {}
17     data["id"] = get_id()
18     data["password"] = get_password()
19     return data
20
21 def save_data(data):
22     with open("data.json", "a") as f:
23         f.write(json.dumps(data) + "\n")
24
25 def load_data():
26     data = []
27     with open("data.json", "r") as f:
28         for line in f:
29             data.append(json.loads(line))
30     return data
31
32 def login():
33     data = load_data()
34     username = input("Username: ")
35     password = input("Password: ")
36     for user in data:
37         if user["id"] == username and user["password"] == password:
38             print("Login successful!")
39             return user
40     print("Login failed!")
41     return None
42
43 def register():
44     data = load_data()
45     username = input("Username: ")
46     password = input("Password: ")
47     if username in [user["id"] for user in data]:
48         print("Username already exists!")
49         return
50     data.append({"id": username, "password": password})
51     save_data(data)
52     print("Registration successful!")
53
54 def main():
55     while True:
56         print("1. Login\n2. Register\n3. Exit")
57         choice = input("Choice: ")
58         if choice == "1":
59             user = login()
60             if user:
61                 print("Welcome, " + user["id"] + "!")
62             else:
63                 print("Login failed!")
64         elif choice == "2":
65             register()
66         elif choice == "3":
67             break
68
69 if __name__ == "__main__":
70     main()

```

```

1 def login():
2     data = load_data()
3     username = input("Username: ")
4     password = input("Password: ")
5     for user in data:
6         if user["id"] == username and user["password"] == password:
7             print("Login successful!")
8             return user
9     print("Login failed!")
10    return None
11
12 def register():
13    data = load_data()
14    username = input("Username: ")
15    password = input("Password: ")
16    if username in [user["id"] for user in data]:
17        print("Username already exists!")
18        return
19    data.append({"id": username, "password": password})
20    save_data(data)
21    print("Registration successful!")
22
23 def main():
24    while True:
25        print("1. Login\n2. Register\n3. Exit")
26        choice = input("Choice: ")
27        if choice == "1":
28            user = login()
29            if user:
30                print("Welcome, " + user["id"] + "!")
31            else:
32                print("Login failed!")
33        elif choice == "2":
34            register()
35        elif choice == "3":
36            break
37
38 if __name__ == "__main__":
39    main()

```

[illegible][illegible]

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100 def show_pesan(10):
101     try:
102         file = open("data_pesan/pesan.txt", "w")
103         read_data(file)
104         for pesan in read_pesan():
105             if pesan[0] != pesan[1]:
106                 print("Masukan data pesan: ")
107                 pesan = input("Masukan data pesan: ")
108                 pesan = input("Masukan data pesan: ")
109                 pesan = input("Masukan data pesan: ")
110                 if pesan != pesan[1]:
111                     print("Error")
112                     show_pesan(10)
113             else:
114                 pesan = pesan_pesan(10, pesan, pesan, pesan, 30)
115                 if pesan != pesan:
116                     print("Error")
117                     show_pesan(10)
118             else:
119                 log_all(pesan[0], pesan[1], pesan[2], pesan[3], pesan[4])
120
121 except Exception as e:
122     return f"[?] data pesan gagal, error: {e}"
123
124 def main_log(1):
125     print("=====")
126     return admin
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511         memo_name()
512         return "[~] Program error."
513
514     def memo_name():
515         global version
516         if version == None:
517             memo_logint()
518         return
519
520     def __init__(self):
521         """
522         -----
523         1. Memo Register
524         2. Memo Writing
525         3. Log deletion
526         4. Logout
527         """
528         self.
529
530         polltime = int(input("Random polltime add: "))
531         if polltime == 1:
532             memo_register()
533         elif polltime == 1:
534             memo_logint()
535         elif polltime == 1:
536             log_deleteall()
537         else:
538             memo_name()
539         elif polltime == 1:
540             memo_logout = input("Logout")
541             if logout == "True":
542                 print(logout)
543                 memo_name()
544             else:
545                 memo_logint()
546
547     def __del__(self):
548         return "[~] Program error."
549
550
551     print("-----")
552     """
553     Program Test/Test2 ending
554     """
555     print("-----")
556
557     """
558     """
559     memo_logint()
560
561     def __del__(self):
562         return "[~] Program error."
563
564
565
566
567

```

```

C:\Users\Tikam\Documents\Kuliah Unggah\Unggah Pemrograman (Praktik)/Tugas Akhir/ran.py", wdir="C:/Users/Tikam/Documents/Kuliah Unggah/Kuliah Unggah"
Program Inventaris Gudang
=====
Masukan admin
=====
1. login Pegawai
2. keluar Program

Masukan pilihan anda: 1

Masukan ID Pegawai: 1
Masukan kata sandi: admin123
=====
Menu Home
=====
1. Menu Pegawai
2. Menu Barang
3. log Aktivitas
4. Logout

Masukan pilihan anda: 1
=====
Menu Pegawai
=====
1. Tambah Pegawai
2. Hapus Pegawai
3. update Pegawai
4. Informasi Pegawai
5. kembali

Masukan pilihan anda: 5

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Menu Home
-----
1. Menu Pegawai
2. Menu Barang
3. Log Aktivitas
4. Logout

Masukan pilihan anda: 2

-----
Menu Barang
-----
1. Tambah Barang
2. Hapus Barang
3. Update Barang
4. Informasi Barang
5. Kembali

Masukan pilihan anda: 5

-----
Menu Home
-----
1. Menu Pegawai
2. Menu Barang
3. Log Aktivitas
4. Logout

Masukan pilihan anda: 3
[27-12-2021 15:02:48][1 - Admin 1] Telah login.
[27-12-2021 15:02:48][1 - Admin 1] Telah menambahkan data pegawai dengan id 569784.
[27-12-2021 15:02:48][1 - Admin 1] Telah logout.
[27-12-2021 15:02:48][569784 - Rudi] Telah login.
[27-12-2021 15:02:48][569784 - Rudi] Telah menambahkan data barang dengan id 388839.
[27-12-2021 15:02:48][569784 - Rudi] Telah logout.
[28-12-2021 08:40:44][1 - Admin 1] Telah login.
[28-12-2021 08:40:44][1 - Admin 1] Telah menambahkan data barang dengan id 634955.
[28-12-2021 08:57:25][1 - Admin 1] Telah login.
[28-12-2021 08:57:25][1 - Admin 1] Telah menambahkan data pegawai dengan id 341832.
[28-12-2021 08:57:25][1 - Admin 1] Telah logout.
[28-12-2021 08:57:25][341832 - Irawan] Telah login.
[28-12-2021 08:57:25][341832 - Irawan] Telah menghapus data pegawai dengan id 569784.
[12-01-2022 17:25:53][1 - Admin 1] Telah login.

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-----
Menu Home
-----
1. Menu Pegawai
2. Menu Barang
3. Log Aktivitas
4. Logout

Masukan pilihan anda: 4

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Halaman Admin
-----
1. Login Pegawai
2. Keluar Program

Masukan pilihan anda: 2

In [2]:

```