

```

→ DS HW2 ./compile.sh
Enter the name of password file: (path/password.txt)
password.txt
Input hash value:
23411352
23411352 XEGUOQ 000 1
Input hash value:
47711352
47711352 XEGUOQ 001 2
Input hash value:
72011352
72011352 XEGUOQ 002 3
Input hash value:
10543863
10543863 XEGUOQ 003 4
Input hash value:
34843863
34843863 XEGUOQ 004 5
Input hash value:
-1

```

Figure 1. The screen shot of execution of the program, FindPasswords\_User, in command line interface. The program terminates when the input is -1.

```

Enter the name of password file: (path/password.txt)
password.txt
Input hash value:
42900
42900 ZFXOML 987 99988
Input hash value:
24342900
24342900 ZFXOML 988 99989
Input hash value:
48642900
48642900 ZFXOML 989 99990
Input hash value:
100
100 ***** ***
Input hash value:

```

Figure 2. The screen shot of the program, FindPasswords\_User, in command line interface including one “failed” search.

```

# For batch inputs
g++ main.cpp functions.cpp HashTable.cpp -o FindPasswords;
./FindPasswords < "list_pa2.txt" > "result_pa2.txt";

```

Figure 2. The execution of the program, FindPasswords, used to generate the result\_pa2.txt automatically.