Wyższa Szkoła Bankowa

Programowanie Obiektowe

Zadanie 1

1. Pavlo Sokur

2. Sokurlg708@gmail.com

3. 143653

4. 20.08.2023

5. https://github.com/pashtetskiy/Zadanie-1

Spis treści

Zadanie 1

Dodanie ustawień dotyczących kolorystyki poszczególnych ekranów:

Zmodyfikowano klasy Settings, Settings Service oraz ich interfejsy

Dodano automatyczne pobieranie ustawień z pliku „Colors.json", możliwość zmiany ustawień, resetowania ustawień w przypadku braku pliku.

```
Your available choices are:
0. Exit
1. Animals
2. Create a new settings
Please enter your choice: 2

Your available choices are:
0. Exit
1. Edit
2. Read from file
3. Save to file
Please enter your choice: 1

Your available choices are:
0. Exit
1. Main Screen
2. Settings Screen
3. Animals Screen
4. Mammals Screen
5. Dogs Screen
6. African Elephants Screen
7. Chimpanzees Screen
8. Platypus Screen
Please enter your choice: 1
Write color: Yellow
Color successfully changed
```

Zadanie 2 – Dodowanie zwierzątka

Dodano zwierzątko szympansa.
Dodano klasę ChimpanzeeScreen dziedziczącą po klasę Screen, zmodyfikowane odpowiednie enamy.

```
Your available choices are:
0. Exit
1. List all Chimpanzees
2. Create a new Chimpanzee
3. Delete existing Chimpanzee
4. Modify existing Chimpanzee
Please enter your choice: 2
What name of the Chimpanzee Rock
What is the Chimpanzee age? 2
Do chimpanzee have opposable thumbs? Write Y or N N
Do chimpanzees have complex social behavior? Yes
Can a chimpanzee use the tool? Write Y or N N
What is the high intelligence of chimpanzee? 80
What is the chimpanzee flexible diet?
Chimpanzee with name: Rock has been added to a list of Chimpanzees
```

Zadanie 3 – Dodowanie kolejnego zwierzątka

Dodano zwierzątko szympansa.
Dodano klasę AfricanElephantScreen dziedziczącą po klasę Screen, zmodyfikowane odpowiednie
enamy.

```
Your available choices are:
0. Exit
1. List all African Elephants
2. Create a new African Elephant
3. Delete existing African Elephant
4. Modify existing African Elephant
Please enter your choice: 2
What name of the African Elephant? Rock
What is the African Elephant age? 2
What is the African Elephant height? 200
What is the African Elephant weight? 21
What is the African Elephant tusk lenght? 21
What is the African Elephant long life span? 21
What is social behavior of the African Elephant?
African Elephant with name: Rock has been added to a list of African Elephants
```

Zadanie 4 – Dodowanie kolejnego zwierzątka

Dodano zwierzątko platypus.
Dodano klasę PlatypusScreen dziedziczącą po klasę Screen, zmodyfikowane odpowiednie enamy.

```
Your available choices are:
0. Exit
1. List all Platypus
2. Create a new Platypus
3. Delete existing Platypus
4. Modify existing Platypus
Please enter your choice: 2
What name of the Platypus? Rock
What is the Platypus age? 12
What is the Platypus height? 21
What is the Platypus weight? 21
How long is the Platypus habitat? 21
Is Platypus male? Y or N N
Is Platypus venomous? True or false N
Platypust with name: Rock has been added to a list of Platypus
```