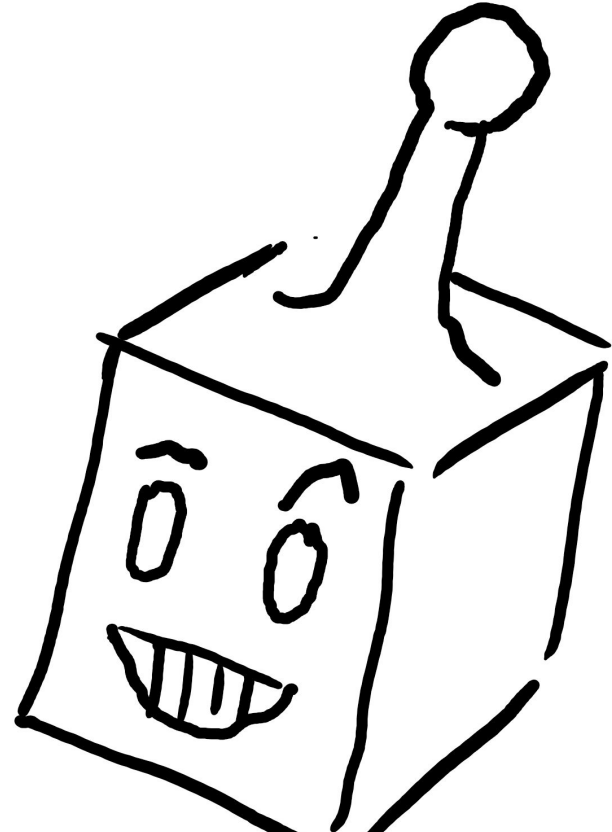# Robots and humans
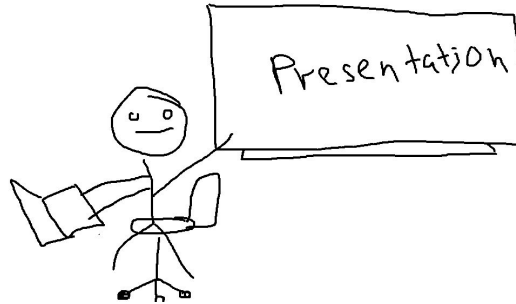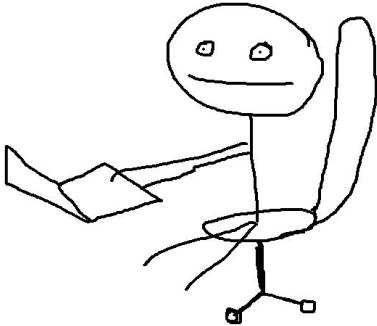
Members of our group

Coders:

Dmitry Beresnev

Dzhemilya Gizutdinova

Eugene Kuzyakhmetov

Presentation

Alexander Morozov
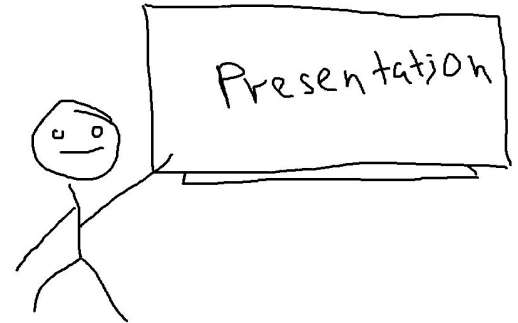
Bi

Artem Batalov
Dima Pirozhenko
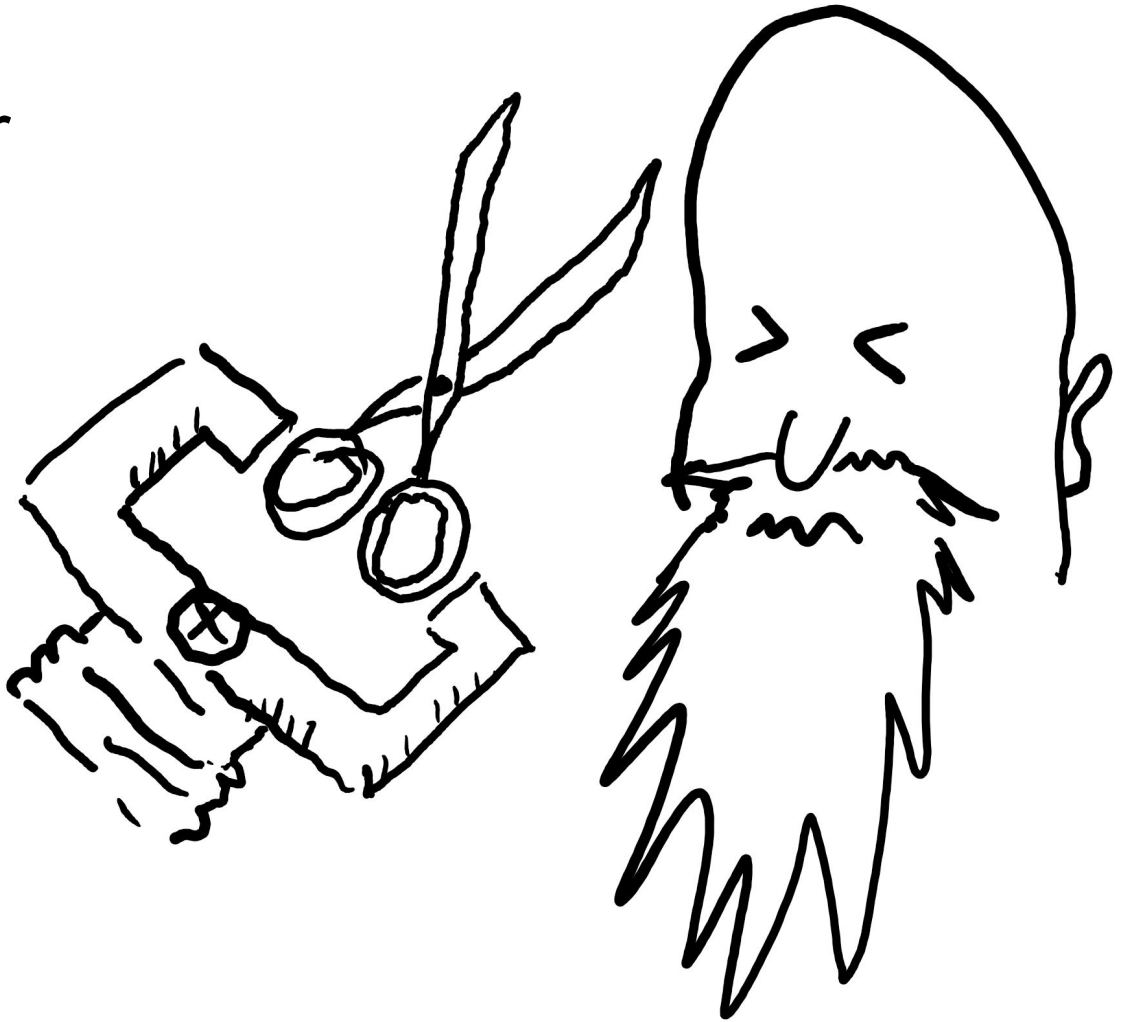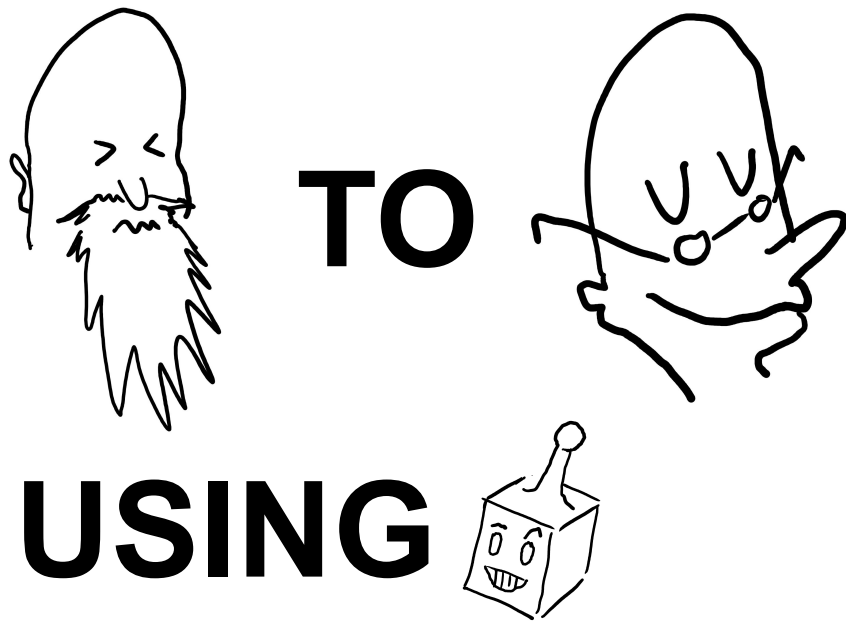
Conceptual behavior

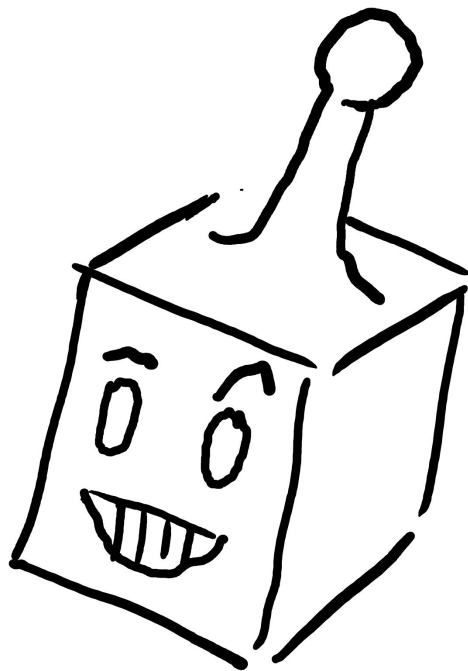People make robots

Robots shave people

Human

Human can have a lot of robots that will shave him.

TO

USING

Robots

They are created by humans.
They shave humans. Be careful
with them!

Code Human

```java
public class Human {
    int age;
    String name;
    String surname;
    String sex;
    public int beard;

    public Human(int age, String name, String surname, String sex, int beard) {
        this.age = age;
        this.name = name;
        this.surname = surname;
        this.sex = sex;
        this.beard = beard;
    }

    public Human() {
        this.age = 30;
        this.name = "Vasya";
        this.surname = "Pupkin";
        this.sex = "male";
        this.beard = 0;
    }
```

```java
public void changeNameAndSurname(String name, String surname){
    this.name = name;
    this.surname = surname;
}

public void haveBirthday() { age++; }

public void growBeard() { beard++; }

public void changeSex(String sex) { this.sex = sex; }

public  Robot  createRobot() { return new Robot(this); }

public  Robot  createRobot(int dateOfConstruction, int number){
    return new Robot(dateOfConstruction,number, this);
}
```
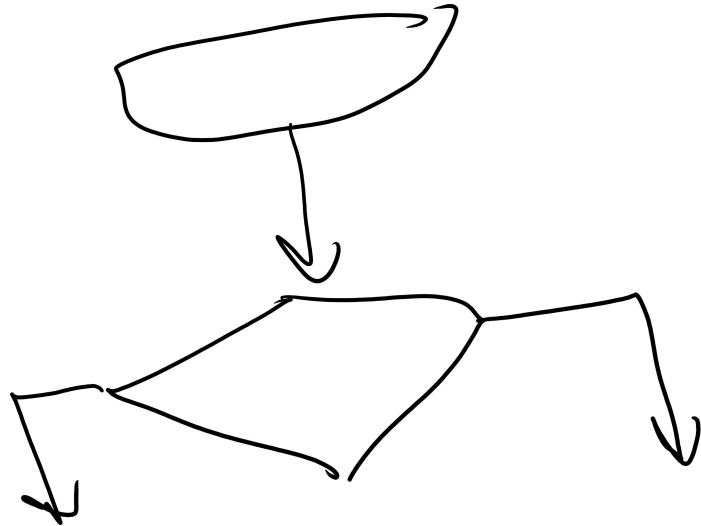
Code Robot

```java
public class Robot {
    int dateOfConstruction;
    int number;
    Human owner;

    public Robot(int dateOfConstruction, int number, Human owner) {
        this.dateOfConstruction = dateOfConstruction;
        this.number = number;
        this.owner = owner;
    }

    public Robot(Human owner) {
        this.dateOfConstruction = 1001;
        this.number = 123456;
        this.owner = owner;
    }

    public void shaveOwner() { owner.beard--; }
}
```

How it works?

1. Enter your name, surname, age, sex and beard length.
2. Enter robot number and date of construction.
3. Grow beard
4. Get shaved by robot (be careful with scissors)
5. :———)

Thank you for your attention

We're ready to answer your questions if there are any.