Dataframe

Create a new dataframe such as:

- The first column is called "**character**" and contains the following elements: "shrek", "donkey", "aladdin", "simba" and "luke"
- The second column, called "gender", contains: "ogre", "donkey", "human", "lion" and "jedi"
- The third column, called power, contains: (4, 2, 1, 3, 5)
- The fourth column, called size, contains: (245, 150, 180, 100, 190)
- The fifth column, called number, contains: (26, 35, 13, 46, 8)
- The last column, called random, contains a sequence of 4 random integer between 50 and 100.

We ask you to:

1- Order the character according to their ascending power

2- Find the character(s) having a random number > 75

3- Find the gender of the character "simba"

4- Select the character(s) having a number higher than 30 and a size smaller than 140

5- Select the character(s) having a number lower than 30 or a size smaller than 120

Vector

1- Create the vector (-2,-1,0,1,2) using the functions c() and seq()

2- Assign this vector to a variable x and using the correct operation, transform it into (0,1,2,3,4,5)

3- Create the vectors (5,5,5,5,5) and (-1,-1,1,1,1) using he function rep() and assign them to the variable y and z

4- From x, y and z, create (-2,-1,0,1,2,5,5,5,5,5,-1,-1,1,1,1)

5- From x, extract the positive elements

Function

1- Create a function called taste, taking in argument a character and returning:
- "yerk" if the character is "spinach"
- "miam" if the character is "chips"
- "nothing to do" otherwise

2- Create a function called norm.frame, taking the 4 numbers (a, b, c, d) in argument and returning a dataframe with "a" columns of "b" random numbers following a normal law of mean "c" and standard deviation "d".