Отображение на память содержимого

Память программы	Таблица имён		Память данных
main.py	container	list	[…]
	inputFile	file	fileName
	data	string	"…"
	container	module	container.py
	outputFile	file	fileName
	size	int	<number>
container.py			
def get_figures	rectangle	module	rectangle.py
	triangle	module	triangle.py
	circle	module	circle.py
	container	list	[…]
	data	string	"…"
	i	int	<number>
	rectangle	list	[…]
	triangle	list	[…]
	circle	list	[…]
	fig	int	<number>
def get_random_figures	rectangle	module	rectangle.py
	triangle	module	triangle.py
	circle	module	circle.py
	container	list	[…]
	count	int	<number>
	i	int	<number>
	rectangle	list	[…]
	triangle	list	[…]
	circle	list	[…]
	fig	int	<number>
def write	output	file	fileName
	container	list	[…]
def sort	container	list	[…]
	output	file	fileName
	s	float	<number>
	mean	float	<number>
rectangle.py			
def get_figure	rectangle	list	[int, int, int, int, int]
	data	string	"…"
	i	int	<number>
def get_random_figure	rectangle	list	[int, int, int, int, int]
def perimeter	rectangle	list	[int, int, int, int, int]
	x	int	<number>
	y	int	<number>
triangle.py			
def get_figure	triangle	list	[int, int, int, int, int, int, int]
	data	string	"…"
	i	int	<number>
def get_random_figure	triangle	list	[int, int, int, int, int, int, int]
	x	int	<number>
	y	int	<number>
	a	float	<number>
	b	float	<number>
…	c	float	<number>
… circle.py … color.py …			

Схема работы

```
if __name__ == '__main__'
```

```
len(sys.argv) != 5
```

```
print('==> Start')
```

```
def error()
```

```
sys.argv[1] == "-f"
```

```
inputFile = open(sys.argv[2])
data = inputFile.read().replace("\n", " ").split(" ")
def get_figures(self, data)
```

```
sys.argv[1] == "-n"
```

```
def error()
```

```
def get_figure(self, data, i)
```

```
size = int(sys.argv[2])
```

```
size < 1 or size > 10000
```

```
def get_random_figure(self)
```

```
error
```

```
def get_random_figure(self)
```

```
outputFile = open(sys.argv[3], "w+")
def write(self, output)
outputFile = open(sys.argv[4], "w+")
def sort(self, output)
```

```
print('==> Finish')
```