Текст программы

main.py

```
class HardDrive:
       = [
HardDrive(1, "1TB", "HDD-1TB"),
HardDrive(2, "500GB", "SSD-500GB"),
HardDrive(3, "1TB", "NVMe-1TB"),
HardDrive(4, "2TB", "SATA-2TB"),
HardDrive(5, "2TB", "SSHD-2TB"),
HardDrive(6, "1TB", "SSD-1TB"),
HardDrive(7, "2TB", "HDD-2TB"),
        HardDrive(8, "500GB", "NVMe-500GB")
        PC HD(3, 4),
        PC_HD(3, 5),
PC_HD(4, 3),
PC_HD(5, 7)
                                                          result.append((hd.name, hd.capacity, pc.ram,
```

```
result.append((pc.ram, pc.cores, count))
                            result.append((hd.name, pc.ram))
def main():
```

test.py

```
import unittest
from main import *

class TestProgram(unittest.TestCase):
    def setUp(self):
        self.PCs = [
            PC(1, "DDR4-2400", 4),
            PC(2, "DDR3-1600", 8),
            PC(3, "DDR4-3200", 6),
            PC(4, "DDR3-1866", 4),
            PC(5, "DDR4-2666", 12)
    ]

    self.HDs = [
            HardDrive(1, "1TB", "HDD-1TB"),
            HardDrive(2, "500GB", "SSD-500GB"),
            HardDrive(3, "1TB", "NVMe-1TB"),
            HardDrive(4, "2TB", "SATA-2TB"),
            HardDrive(6, "1TB", "SSD-1TB"),
            HardDrive(7, "2TB", "SSD-1TB"),
            HardDrive(7, "2TB", "HDD-2TB"),
            HardDrive(7, "2TB", "HDD-2TB"),
            HardDrive(7, "2TB", "HDD-2TB"),
```

```
HardDrive(8, "500GB", "NVMe-500GB")
expected result = [
result = b1 solution(self.HDs, self.PCs, self.PC HDs)
self.assertEqual(result, expected result)
expected result = [
```

Результаты выполнения тестов

Пример успешного прохождения тестов:

```
C:\Users\123\Documents\PCPL_3sem\RK2>python test.py
...
Ran 3 tests in 0.001s
OK
```

Пример неудачного прохождения тестов: