Subprocess

```python
import subprocess
f1 = open("out.txt", "w")
f2 = open("error.txt", "w")
p = subprocess.Popen([r"python"],
                     stdin=subprocess.PIPE,
                     stdout=f1,
                     stderr=f2)

p.stdin.write(b"print(3+2+4)\n")
p.stdin.flush()
p.stdin.write(b"print(3+2+4+1243241)\n")
p.stdin.flush()
p.stdin.write(b"print(2/0)\n")
p.stdin.flush()
f1.close()
f2.close()
```

```python
# testinput.py
count = 0
while True:
    a = input("enter:")
    if a == "exit":
        break
    print(count, "your input:", a)
    count = count + 1
```

```python
import sys
if sys.platform == "win32":
    from pexpect.popen_spawn import PopenSpawn as spawn
else:
    from pexpect import spawnu as spawn
import pexpect

cmd = "python testinput.py"
process = spawn(cmd)
process.expect("enter:")
for i in range(10):
    process.sendline("apple")
    process.expect("enter:")
    print(process.before)
process.sendline("exit")
process.expect(pexpect.EOF)
print("End of PexpectTest.py")
```

```python
import sys
if sys.platform == "win32":
    from pexpect.popen_spawn import PopenSpawn as spawn
else:
    from pexpect import spawnu as spawn
import pexpect

c = pexpect.spawnu('python')
c.expect('>>>')
c.sendline("print(3+3.14)")
c.expect('>>>')
print("result:", c.before)
c.sendline("print(3+2.14)")
c.expect('>>>')
print("result:", c.before)
c.close()
print('is alive:', c.isalive())
```