



Google Mock Cheat Sheet

Mock Creation

```
class User
{
    public:
        virtual bool isAdult();
        virtual bool isFriendWith(User user);
        virtual void setName(std::string name);
};

class UserMock : public User
{
    public:
        MOCK_METHOD(bool, isAdult, ());
        MOCK_METHOD(bool, isFriendWith, (User user));
        MOCK_METHOD(void, setName, (std::string name));
};
```

Expectations

```
EXPECT_CALL(userMock, setName("Thomas"));
EXPECT_CALL(userMock, setName(testing::_));
EXPECT_CALL(userMock, setName(testing::An<std::string>()));
EXPECT_CALL(userMock, isAdult()).Times(0);
```

Return Values

```
EXPECT_CALL(userMock, isFriendWith(testing::_))
    .WillRepeatedly(testing::Return(true));

EXPECT_CALL(userMock, isAdult())
    .WillOnce(testing::Return(false))
    .WillRepeatedly(testing::Return(true));
```