

1. Source code test_classroom_common.py

```
from odoo.tests import common
```

```
A class TestClassroomCommon(common.SavepointCase):  
    def setUp(self):  
1        super(TestClassroomCommon, self).setUp()  
2        self.op_classroom = self.env['op.classroom']  
3        self.op_asset = self.env['op.asset']
```

test_classroom.py

```
from logging import info  
from .test_classroom_common import TestClassroomCommon  
  
B class TestClassroom(TestClassroomCommon):  
    def setUp(self):  
4        super(TestClassroom, self).setUp()  
  
    def test_case_classroom_1(self):  
5        classroom = self.op_classroom.search([])  
6        if not classroom:  
7            raise AssertionError(  
                'Error in data, please check for reference Classroom')  
8        for record in classroom:  
9            info('      Class Name: %s' % record.name)  
            info('      Code : %s' % record.code)  
            info('      Course Name : %s' % record.course_id.name)  
            info('      Capacity : %s' % record.capacity)  
10           for rec in record.facilities:  
11               info('      facilities : %s' % rec.facility_id.name)  
12           for rec1 in record.asset_line:  
13               info('      asset_line : %s' % rec1.product_id.name)  
14           record.onchange_course()
```

```

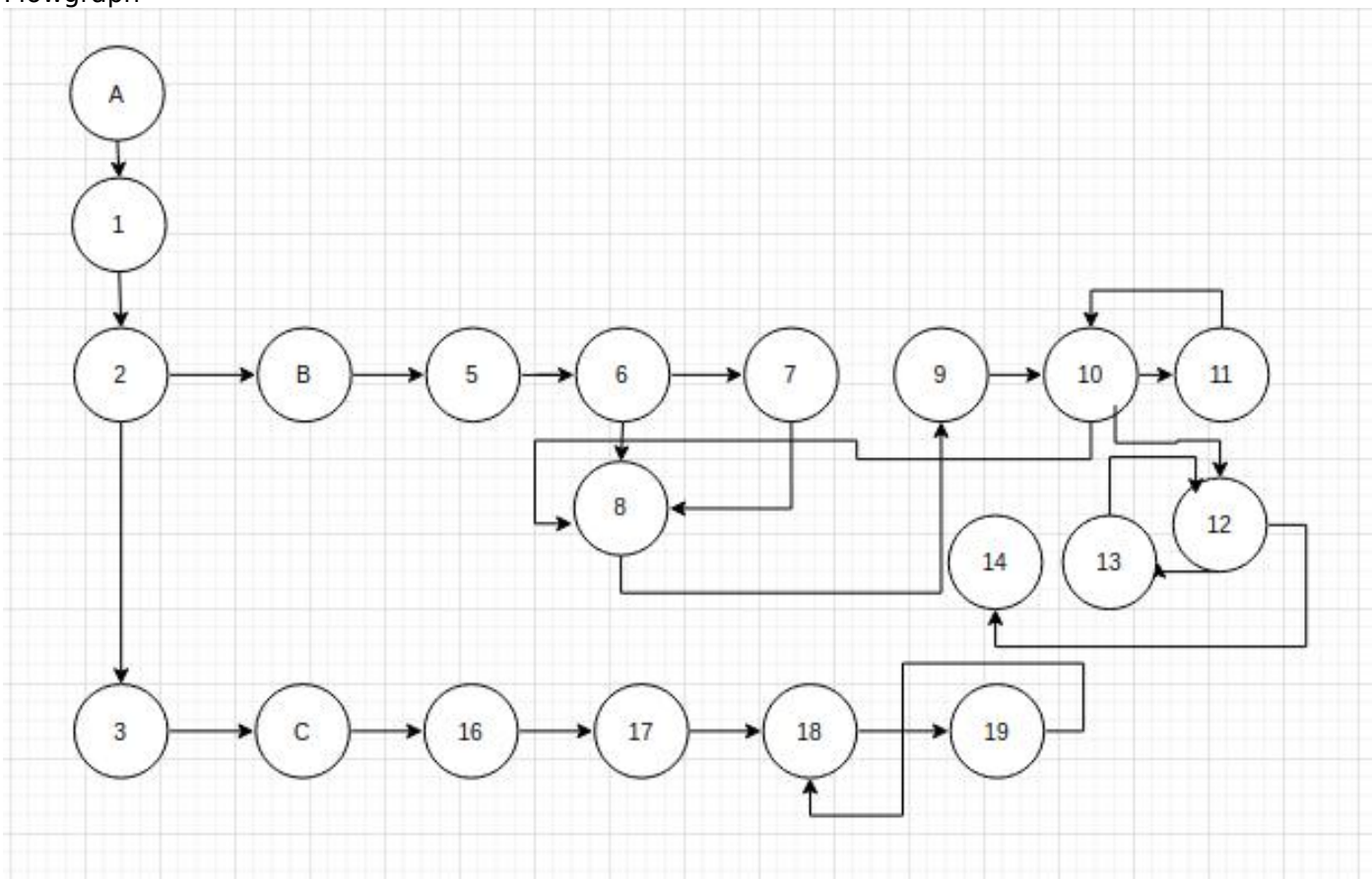
C class TestAsset(TestClassroomCommon):

    def setUp(self):
15         super(TestAsset, self).setUp()

    def test_case_1_asset(self):
16         product = self.env['product.product'].create({
            'default_code': 'FIFO',
            'name': 'Chairs',
            'categ_id': self.env.ref('product.product_category_1').id,
            'list_price': 100.0,
            'standard_price': 70.0,
            'uom_id': self.env.ref('uom.product_uom_kgm').id,
            'uom_po_id': self.env.ref('uom.product_uom_kgm').id,
            'description': 'FIFO Ice Cream',
        })
17         assets = self.op_asset.create({
            'asset_id': self.env.ref('openeducat_classroom.op_classroom_1').id,
            'product_id': product.id,
            'code': 1,
            'product_uom_qty': 11
        })
18         for record in assets:
19             info('      Asset Name: %s' % record.asset_id.name)
            info('      Product Name : %s' % record.product_id.name)
            info('      Product Quantity : %s' % record.product_uom_qty)

```

2. Flowgraph



3. Cyclometric Complex

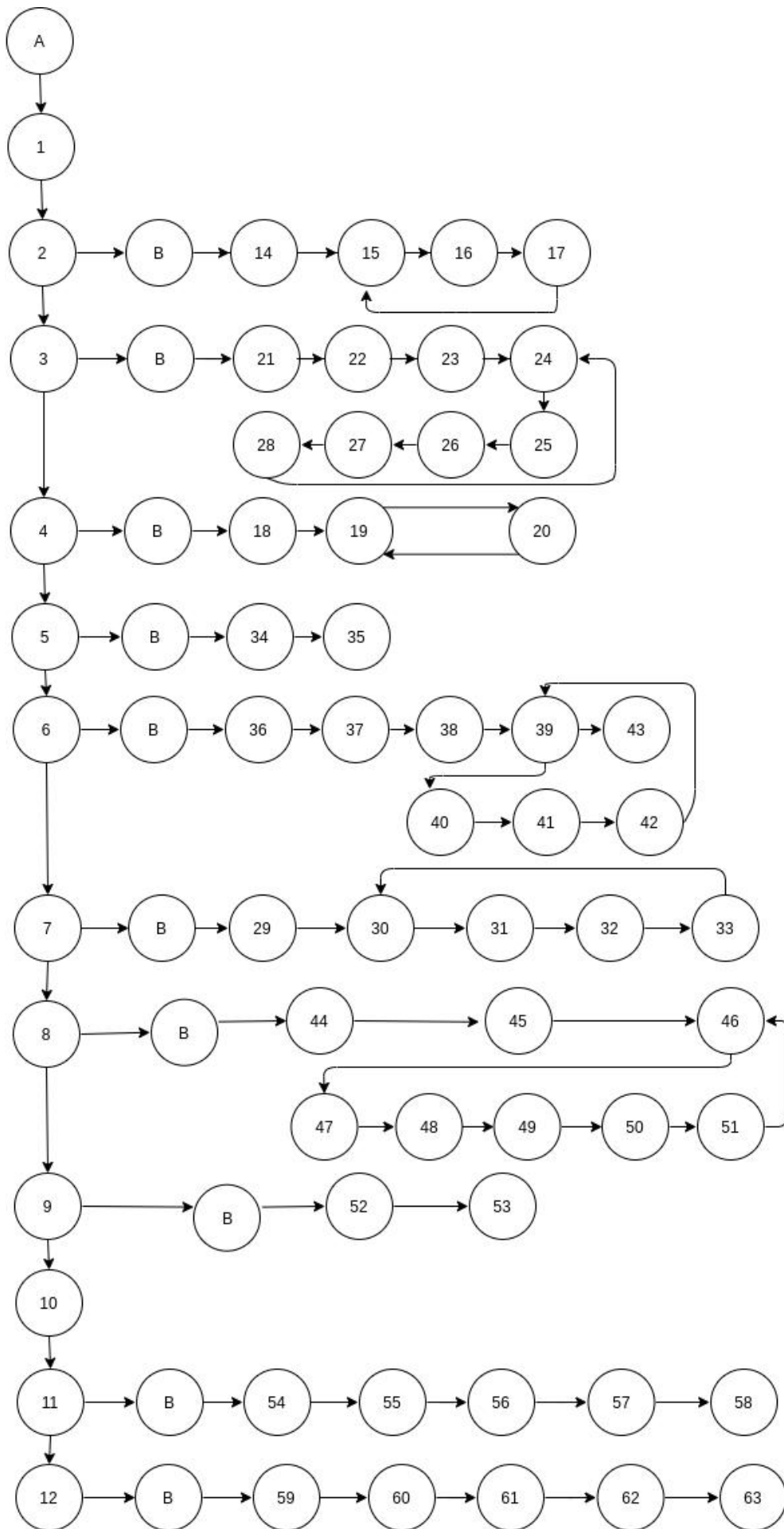
$$V(G) = E - N + 2$$

$$= 24 - 20 + 2$$

$$= 6$$
4. Test CASE

No	Data Uji	Keluaran Yang Diharapkan	Hasil Uji
	Class Name: TEST Code : BB		
1	Course Name : AA Capacity : 2 facilities : UH asset_line : HEM default_code = FIFO name = Chairs list_price = 100.0	Pencarian data klas room	valid
2	standard_price = 70.0 uom_id = d uom_po_id = f description = FIFO Ice Cream	Memasukan asset produk	valid

5. FlowGraph



6. Cyclometric Complex
 $V(G) = E - N + 2$

$$= 81 - 75 + 2$$

$$= 8$$

7. Test Case

No	Data Uji	Keluaran Yang Diharapkan	Hasil Uji
1	BOA-S1	Menemukan data batch yg dicari	valid
2	TEST	Menemukan data course	valid
3	first_name = binapshah last_name = kalol birth_date = 2009-01-01 gender = male	Insert data to fakultas	valid
4	munir	menemukan data pegawai	valid
5	pt nakula sadewa	menemukan perusahaan user lalu menyimpan data user	
6	first_name = nikul middle_name = m last_name = ahir birth_date = 1999-01-01 gender = m	mencari data student menyimpan data student	valid
7	test	Regisatrasi kursus	valid
8	update	menerima notiifikasi	valid
9		menampilkan data fakultas ids	valid
10		menampilan data user menurut ids	valid