

Ex : No : 8

Date :

Unification & Resolution

Program code :

Sunny = True.

warm = True

raining = True.

pleasant = False.

def enjoy():

if Sunny and warm:

return True.

return ~~True~~ false.

def strawberry-picking():

if warm and pleasant:

return True

return false.

def ~~not-strawberry~~-picking():

if raining :

return True.

return false.

```
def wet():
```

```
    if raining:
```

```
        return true
```

```
    return false.
```

```
print("enjoy:", enjoy())
```

```
print("strawberry-picking:", strawberry-picking())
```

```
print("not-strawberry-picking:", not-strawberry-picking)
```

```
print("wet:", wet()).
```

output:

```
?- enjoy.  
true.  
?- strawberry_picking.  
false.  
?- notstrawberry_picking.  
true.  
?- wet.  
true.
```

Result;

Thus the program is successfully executed and the output is verified.