from PyQt5.QtCore import Qt

from PyQt5.QtWidgets import (QApplication, QWidget,

QHBoxLayout, QVBoxLayout, QGroupBox, QRadioButton,

QPushButton, QLabel, QButtonGroup)

app = QApplication([])

window = QWidget()

btn\_OK = QPushButton('Ответить')

lb\_Question = QLabel('Сколько будет 1000 - 7')

RadioGroupBox = QGroupBox('Варианты ответов')

rbtn\_1 = QRadioButton('69')

rbtn\_2 = QRadioButton('993')

rbtn\_3 = QRadioButton('6')

rbtn\_4 = QRadioButton('1003')

RadioGroup = QButtonGroup()

RadioGroup.addButton(rbtn\_1)

RadioGroup.addButton(rbtn\_2)

RadioGroup.addButton(rbtn\_3)

RadioGroup.addButton(rbtn\_4)

layout\_ans1 = QHBoxLayout()

layout\_ans2 = QVBoxLayout()

layout\_ans3 = QVBoxLayout()

layout\_ans2.addWidget(rbtn\_1)

layout\_ans2.addWidget(rbtn\_2)

layout\_ans3.addWidget(rbtn\_3)

layout\_ans3.addWidget(rbtn\_4)

layout\_ans1.addLayout(layout\_ans2)

layout\_ans1.addLayout(layout\_ans3)

RadioGroupBox.setLayout(layout\_ans1)

AnsGroupBox =  QGroupBox('Результат теста')

lb\_Result = QLabel('прав ты или нет?')

lb\_Correct = QLabel('ответ будет тут!')

layout\_res = QVBoxLayout()

layout\_res.addWidget(lb\_Result, alignment=(Qt.AlignLeft | Qt.AlignTop))

layout\_res.addWidget(lb\_Correct, alignment=Qt.AlignHCenter, stretch=2)

AnsGroupBox.setLayout(layout\_res)

layout\_line1 = QHBoxLayout()

layout\_line2 = QHBoxLayout()

layout\_line3 = QHBoxLayout()

layout\_line1.addWidget(lb\_Question, alignment=(Qt.AlignVCenter | Qt.AlignHCenter))

layout\_line2.addWidget(RadioGroupBox)

layout\_line2.addWidget(AnsGroupBox)

AnsGroupBox.hide()

layout\_line3.addStretch(1)

layout\_line3.addWidget(btn\_OK, stretch = 3)

layout\_line3.addStretch(1)

layout\_card = QVBoxLayout()

layout\_card.addLayout(layout\_line1, stretch = 2)

layout\_card.addLayout(layout\_line2, stretch = 8)

layout\_card.addStretch(1)

layout\_card.addLayout(layout\_line3, stretch = 1)

layout\_card.addStretch(1)

def show\_result():

    RadioGroupBox.hide()

    AnsGroupBox.show()

    btn\_OK.setText('Следующий вопрос')

def show\_question():

    RadioGroupBox.show()

    AnsGroupBox.hide()

    btn\_OK.setText('Ответить')

    RadioGroup.setExclusive(False)

    rbtn\_1.setChecked(False)

    rbtn\_2.setChecked(False)

    rbtn\_3.setChecked(False)

    rbtn\_4.setChecked(False)

    RadioGroup.setExclusive(True)

def test():

    if 'Ответить' == btn\_OK.text():

        show\_result()

    else:

        show\_question()

btn\_OK.clicked.connect(test)

window.setLayout(layout\_card)

window.show()

app.exec\_()