**Git и желтые окружности**

**import** sys  
  
**from** PyQt5.QtWidgets **import** QApplication, QWidget, QLineEdit, QLabel, QMainWindow  
**from** PyQt5.QtWidgets **import** QPushButton  
**from** PyQt5.QtGui **import** QPainter, QColor  
**from** PyQt5 **import** uic  
**from** random **import** \*  
  
  
**class** Example(QWidget):  
 **def** \_\_init\_\_(self):  
 super().\_\_init\_\_()  
 uic.loadUi(**'Ui.ui'**, self)  
 self.flag = **False** self.pushButton.clicked.connect(self.draw)  
  
 **def** draw(self):  
 self.flag = **True** self.update()  
  
 **def** paintEvent(self, event):  
 **if** self.flag:  
  
 qp = QPainter()  
 qp.begin(self)  
 qp.setPen(QColor(255, 255, 0))  
 qp.setBrush(QColor(255, 255, 0)) *# заливка* x1 = randint(0, 780)  
 y1 = randint(0, 500)  
 self.x, self.y = x1, y1  
 self.drawEll(qp)  
 qp.end()  
  
 **def** drawEll(self, qp):  
 r1 = randint(20, 200)  
 r2 = randint(20, 200)  
 qp.drawEllipse(self.x, self.y, r1, r2)  
  
  
**if** \_\_name\_\_ == **'\_\_main\_\_'**:  
 app = QApplication(sys.argv)  
 ex = Example()  
 ex.show()  
 sys.exit(app.exec\_())

# Git и случайные окружности

**import** sys  
  
**from** PyQt5.QtWidgets **import** QApplication, QWidget, QLineEdit, QLabel, QMainWindow  
**from** PyQt5.QtGui **import** QPainter, QColor  
**from** PyQt5 **import** uic  
**from** ui\_main1 **import** Ui\_Form  
**from** random **import** \*  
  
  
  
**class** Ui\_Form(QWidget):  
 **def** \_\_init\_\_(self):  
 super().\_\_init\_\_()  
 uic.loadUi(**'Ui.ui'**, self)  
 self.flag = **False** self.pushButton.clicked.connect(self.draw)  
  
 **def** draw(self):  
 self.flag = **True** self.update()  
  
 **def** paintEvent(self, event):  
 **if** self.flag:  
  
 qp = QPainter()  
 qp.begin(self)  
 *# qp.setPen(QColor(255, 255, 0))* qp.setBrush(QColor(randint(0, 255), randint(0, 255), randint(0, 255))) *# заливка* x1 = randint(0, 780)  
 y1 = randint(0, 500)  
 self.x, self.y = x1, y1  
 self.drawEll(qp)  
 qp.end()  
  
 **def** drawEll(self, qp):  
 r1 = randint(20, 200)  
 r2 = randint(20, 200)  
 qp.drawEllipse(self.x, self.y, r1, r2)  
  
  
**if** \_\_name\_\_ == **'\_\_main\_\_'**:  
 app = QApplication(sys.argv)  
 ex = Ui\_Form()  
 ex.show()  
 sys.exit(app.exec\_())