```
from PyQt5.QtGui import *
from PyQt5.QtCore import *
from qgis.core import *
from qgis.utils import iface


import processing

wpath=r'C:\JACEK2\QGISHEL18\Hel18\dzien2a\dane_2B\proc4'
ww1=r'C:\JACEK2\QGISHEL18\Hel18\dzien2a\dane_2B\pl_stacje_pom_Krak.shp'
ww2=r'C:\JACEK2\QGISHEL18\Hel18\dzien2a\dane_2B\dem_Krak.tif'

ww3=wpath+'\punkty25bufa.shp'
ww4=wpath+'\stab.csv'
ww5=wpath+'\dem1.tif'
ww6=wpath+'\pol1.shp'
ww6f=wpath+'\pol1f.shp'
ww7=wpath+'\punkt.shp'
ww8=wpath+'\poligonWW2.shp'

pointIDPP=4                # identyfikator punktu
DD=1                     # przewyższenie

# otaczamy punkty buforami
processing.run('qgis:buffer',{'INPUT':ww1,'DISTANCE':25,
                    'SEGMENTS':30,'END_CAP_STYLE':0,'JOIN_STYLE':0,
                    'MITER_LIMIT':2,'DISSOLVE':0,'OUTPUT':ww3})
# wykonujemy zonal statistics
processing.run('qgis:zonalstatistics',{ 'INPUT_RASTER':ww2, 'RASTER_BAND':1,
                'INPUT_VECTOR':ww3,'COLUMN_PREFIX':'dem_','STATS':2})
# wyprowadzenie tabeli z danymi
processing.run('qgis:statisticsbycategories',{'INPUT':ww3,
               'VALUES_FIELD_NAME':'dem_mean', 'CATEGORIES_FIELD_NAME':['IDPP'],
                'OUTPUT': ww4})
HH=0
in_plik=open(ww4,'r')
kk=0
for line in in_plik.readlines():
    if kk>1:
        lista=line.split(',')
        if int(lista[0])==pointIDPP:
            HH=float(lista[7])

    kk+=1
in_plik.close()
granica=HH+DD

# tworzymy raster < granica (1) i wektoryzujemy do warstwy poligonow

fff='where(A<'+str(granica)+',1,65535)'
processing.run('gdal:rastercalculator',{'INPUT_A':ww2,'BAND_A':1,
        'INPUT_B':None,'BAND_B':-1,'INPUT_C':None,'BAND_C':-1,
        'INPUT_D':None,'BAND_D':-1, 'INPUT_E':None,'BAND_E':-1,
        'INPUT_F':None,'BAND_F':-1,'FORMULA':fff,'NO_DATA':None,
        'RTYPE':2,'EXTRA':None,'OPTIONS':None,'OUTPUT':ww5})
processing.run('gdal:polygonize',{'INPUT':ww5,'BAND':1,'FIELD':'ID',
                'EIGHT_CONNECTEDNESS':0,'OUTPUT':ww6})

# selekcja poligonow na podstawie lokalizacj
# ekstrakcja punktu
fff='IDPP='+str(pointIDPP)
processing.run('qgis:extractbyexpression',{'INPUT':ww1,'EXPRESSION':fff,
                 'OUTPUT':ww7,'FAIL_OUTPUT':None})
# ekstrakcja poligonu na podstawie lokalizacji
processing.run('qgis:fixgeometries',{'INPUT':ww6,'OUTPUT':ww6f})
processing.run('qgis:extractbylocation',{'INPUT':ww6f,'PREDICATE':0,
                'INTERSECT':ww7,'OUTPUT':ww8})
```