# D1047200-屈沛昕-2021-10-28

## 1. 組員名稱

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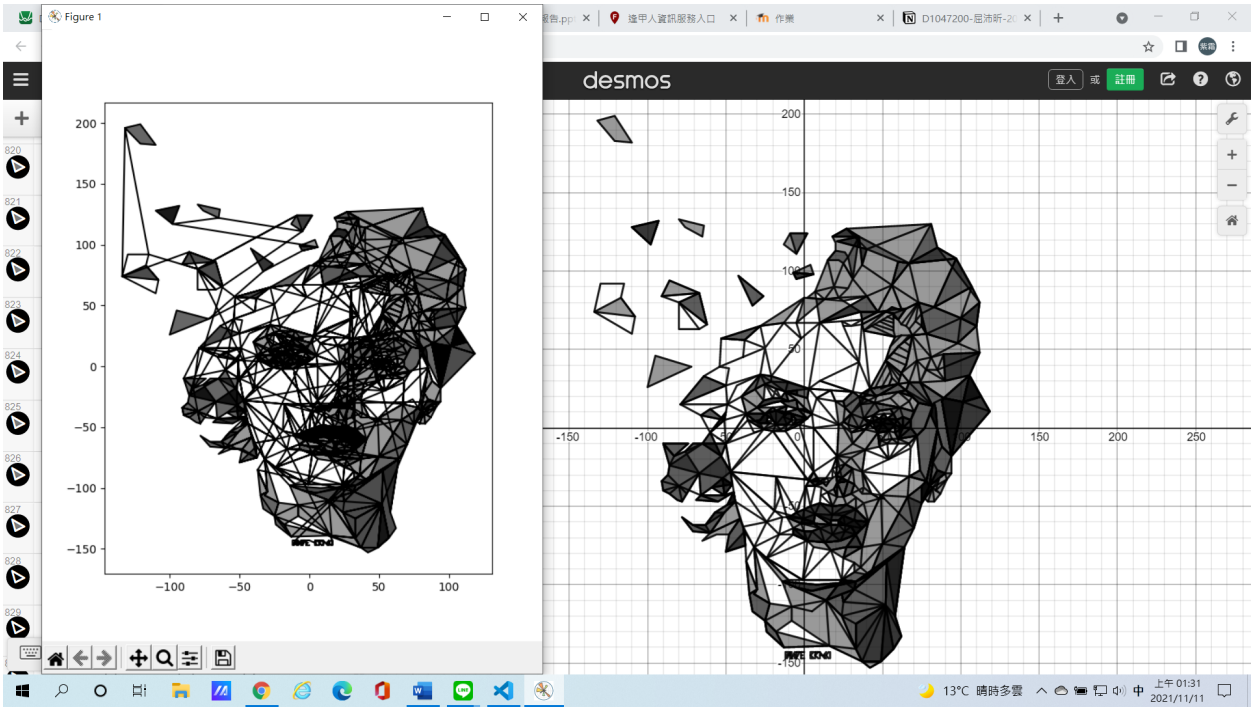
## 2. 程式碼結果




## 3. 程式碼

```
import matplotlib.pyplot as plt
coord1=[(6,0),(21,-18),(6,-28)]
coord1.append(coord1[0])
coord2=[(-12,-2),(-20,-2),(3,-34),(6,-28)]
coord2.append(coord2[0])
coord3=[[-20,-2],[-47,-28],[2,-33]]
coord3.append(coord3[0])
coord15=[[2,-33],[-47,-28],[-14,-57],[-11,-57],[-8,-56],[-5,-54],[1.2,-37],[3,-34]]
coord15.append(coord15[0])
coord17=[[-3,2],[-12,-2]]
coord17.append(coord17[0])
coord18=[[-3,2],[6,0]]
coord18.append(coord18[0])
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coord19=[[-3,2],[6,-28]]
coord19.append(coord19[0])
coord21=[[22,2],[6,0],[21,-18]]
coord21.append(coord21[0])
coord24=[[5,9],[8,19],[22,2]]
coord24.append(coord24[0])
coord25=[[5,9],[6,0]]
coord25.append(coord25[0])
coord31=[[20,17],[25,17],[31,23],[17,24]]
coord31.append(coord31[0])
coord32=[[8,19],[20,17],[17,24]]
coord32.append(coord32[0])
coord33=[[3,25],[8,19],[17,24]]
coord33.append(coord33[0])
coord35=[[10,30],[31,23],[3,25]]
coord35.append(coord35[0])
coord37=[[35,42],[10,30],[31,23]]
coord37.append(coord37[0])
coord39=[[35,42],[42,25]]
coord39.append(coord39[0])
coord41=[[42,25],[37,22]]
coord41.append(coord41[0])
coord42=[[31,23],[37,22]]
coord42.append(coord42[0])
coord44=[[60,28],[42,25],[46,20]]
coord44.append(coord44[0])
coord48=[[48,21],[60,23],[65,24],[60,28]]
coord48.append(coord48[0])
coord52=[[60,23],[67,17],[69,20]]
coord52.append(coord52[0])
coord53=[[65,24],[69,20],[60,23]]
coord53.append(coord53[0])
coord55=[[65,24],[67,29]]
coord55.append(coord55[0])
coord57=[[67,29],[74,29]]
coord57.append(coord57[0])
coord61=[[67,29],[82,14]]
coord61.append(coord61[0])
coord63=[[67,29],[74,29],[82,14],[73,16],[69,20],[65,24]]
coord63.append(coord63[0])
coord65=[[52,43],[62,35]]
coord65.append(coord65[0])
coord67=[[56,32],[60,28],[54,27]]
coord67.append(coord67[0])
coord71=[[49,25],[55,36],[56,32],[54,27]]
coord71.append(coord71[0])
coord72=[[52,43],[55,36]]
coord72.append(coord72[0])
coord74=[[60.5,30],[52,43]]
coord74.append(coord74[0])
coord76=[[61.4,33],[52,43]]
coord76.append(coord76[0])
coord79=[[53,40.5],[45,25]]
coord79.append(coord79[0])
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coord80=[[42,25],[52,43]]
coord80.append(coord80[0])
coord90=[[54,45],[57,48],[60,52],[64,55],[69,59],[68,53],[66,44],[65,40],[62,35],[52,43]]
coord90.append(coord90[0])
coord91=[[54,45],[65,40]]
coord91.append(coord91[0])
coord92=[[57,48],[66,44]]
coord92.append(coord92[0])
coord93=[[60,52],[67,48]]
coord93.append(coord93[0])
coord94=[[64,55],[68,52]]
coord94.append(coord94[0])
coord99=[[69,59],[67,59],[62,59],[58,58],[55,52],[52,43],[60,52]]
coord99.append(coord99[0])
coord100=[[55,52],[62,59]]
coord100.append(coord100[0])
coord101=[[52,43],[67,59]]
coord101.append(coord101[0])
coord113=[[58,58],[57,62],[57,73],[38,62]]
coord113.append(coord113[0])
coord114=[[43,65],[58,58]]
coord114.append(coord114[0])
coord115=[[45,66],[57,62]]
coord115.append(coord115[0])
coord116=[[48,68],[57,64]]
coord116.append(coord116[0])
coord117=[[50,69],[57,67]]
coord117.append(coord117[0])
coord118=[[53,71],[57,69]]
coord118.append(coord118[0])
coord119=[[38,62],[42,25]]
coord119.append(coord119[0])
coord124=[[37,69],[47,74],[36,74]]
coord124.append(coord124[0])
coord126=[[37,69],[47,74],[52,74],[37,66]]
coord126.append(coord126[0])
coord127=[[38,62],[52,74],[37,66]]
coord127.append(coord127[0])
coord128=[[52,74],[57,73]]
coord128.append(coord128[0])
coord134=[[57,71],[60,69],[65,76],[62,75],[56,77],[52,74],[57,73]]
coord134.append(coord134[0])
coord135=[[65,76],[57,73]]
coord135.append(coord135[0])
coord141=[[60,69],[62,66],[65,65],[67,63],[69,59],[78,60],[73,80],[65,76]]
coord141.append(coord141[0])
coord142=[[73,80],[62,66]]
coord142.append(coord142[0])
coord143=[[73,80],[65,65]]
coord143.append(coord143[0])
coord147=[[69,59],[67,63],[71,68],[75,65]]
coord147.append(coord147[0])
coord148=[[78,60],[75,65]]
coord148.append(coord148[0])
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coord149=[[73,80],[75,73],[71,68]]
coord149.append(coord149[0])
coord156=[[20,17],[26,13]]
coord156.append(coord156[0])
coord157=[[35,20],[26,13]]
coord157.append(coord157[0])
coord158=[[42,25],[36,15],[30,9]]
coord158.append(coord158[0])
coord159=[[26,13],[30,9],[25,4]]
coord159.append(coord159[0])
coord160=[[37,22],[35,20]]
coord160.append(coord160[0])
coord161=[[36,15],[35,20]]
coord161.append(coord161[0])
coord162=[[22,2],[24,2],[25,4]]
coord162.append(coord162[0])
coord202=[[28,2],[30,9],[25,4]]
coord202.append(coord202[0])
coord203=[[28,2],[30,-3],[31,-10],[24,2],[30,-3]]
coord203.append(coord203[0])
coord204=[[30,-3],[35,0],[39,-1]]
coord204.append(coord204[0])
coord205=[[31,-10],[39,-1]]
coord205.append(coord205[0])
coord207=[[45,0],[50,3],[47,-3],[45,0],[44,4],[50,3],[44,4],[48,6],[50,3],[53,6],[48,6],[50,3],[53,6],[58,2],[50,3],[58,2],[54,-2],[50,3],
[54,-2],[47,-3]]
coord207.append(coord207[0])
coord211=[[53,6],[59,5],[58,2]]
coord211.append(coord211[0])
coord216=[[44,4],[48,6],[53,6],[59,5],[57,9],[53,6],[51,9],[48,6],[44,8],[44,4]]
coord216.append(coord216[0])
coord218=[[59,5],[63,0],[59,5],[58,2],[63,0],[58,2],[58,-3],[63,0],[58,-3],[60,-7],[72,-5],[68,0],[63,0],[60,-7],[68,0],[63,0],[68,0],[68,5],
[63,0],[68,5],[63,7],[63,0],[63,7],[59,5]]
coord218.append(coord218[0])
coord221=[[47,-3],[48,-12],[53,-10],[60,-10],[67,-10],[72,-5],[60,-7],[58,-3],[58,2],[54,-2]]
coord221.append(coord221[0])
coord222=[[48,-12],[49,-8]]
coord222.append(coord222[0])
coord223=[[47,-3],[49,-8]]
coord223.append(coord223[0])
coord224=[[49,-8],[54,-2]]
coord224.append(coord224[0])
coord225=[[49,-8],[56,-7]]
coord225.append(coord225[0])
coord226=[[49,-8],[53,-10]]
coord226.append(coord226[0])
coord227=[[56,-7],[54,-2]]
coord227.append(coord227[0])

coord429=[[50,-74],[37,-76]]
coord429.append(coord429[0])
coord430=[[50,-74],[36,-89]]
coord430.append(coord430[0])
coord431=[[36,-89],[37,-76]]
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coord431.append(coord431[0])
coord432=[[36,-89],[42,-94]]
coord432.append(coord432[0])
coord433=[[32,-92],[36,-89]]
coord433.append(coord433[0])
coord434=[[32,-86],[36,-89]]
coord434.append(coord434[0])
coord443=[[1.2,-37],[7,-37],[12,-35],[10,-34],[14,-32],[8,-32],[6,-28],[2,-33],[3,-34],[6,-28]]
coord443.append(coord443[0])
coord444=[[10,-34],[7,-37],[4,-34]]
coord444.append(coord444[0])
coord445=[[10,-34],[7,-37],[4,-34]]
coord445.append(coord445[0])
coord446=[[4,-34],[8,-32],[10,-34]]
coord446.append(coord446[0])
coord447=[[4,-34],[8,-32],[10,-34]]
coord447.append(coord447[0])
coord448=[[4,-34],[8,-32],[10,-34]]
coord448.append(coord448[0])
coord449=[[4,-34],[8,-32],[10,-34]]
coord449.append(coord449[0])
coord450=[[12,-35],[14,-37],[16,-34]]
coord450.append(coord450[0])
coord451=[[12,-35],[14,-32],[10,-34]]
coord451.append(coord451[0])
coord452=[[14,-32],[16,-34]]
coord452.append(coord452[0])

coord401=[[-1,-58],[6,-60],[6,-61],[-2,-61]]
coord401.append(coord401[0])
coord402=[[-1,-58],[6,-60],[6,-61],[-2,-61]]
coord402.append(coord402[0])
coord403=[[-1,-58],[7,-55],[6,-60]]
coord403.append(coord403[0])
coord404=[[22,-59],[22,-62],[26,-62]]
coord404.append(coord404[0])
coord405=[[22,-59],[22,-62],[26,-62]]
coord405.append(coord405[0])
coord406=[[33,-52],[32,-59]]
coord406.append(coord406[0])
coord407=[[18,-55.5],[27,-49]]
coord407.append(coord407[0])
coord408=[[18,-55.5],[18,-50]]
coord408.append(coord408[0])
coord409=[[18,-55.5],[10,-48]]
coord409.append(coord409[0])
coord410=[[10,-48],[7,-55]]
coord410.append(coord410[0])
coord411=[[7,-55],[4,-50]]
coord411.append(coord411[0])
coord412=[[7,-55],[0,-52]]
coord412.append(coord412[0])
coord413=[[-1,-58],[0,-52]]
coord413.append(coord413[0])
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coord414=[[-1,-58],[-5,-54]]
coord414.append(coord414[0])
coord415=[[-8,-56],[-1,-58]]
coord415.append(coord415[0])
coord416=[[-1,-58],[-11,-5]]
coord416.append(coord416[0])
coord417=[[-2,-61],[6,-61],[10,-64]]
coord417.append(coord417[0])
coord418=[[66,-44],[75,-48],[70,-64]]
coord418.append(coord418[0])
coord419=[[75,-48],[75,-37],[78,-34],[80,-37]]
coord419.append(coord419[0])
coord420=[[75,-48],[75,-37],[78,-34],[80,-37]]
coord420.append(coord420[0])
coord421=[[75,-48],[75,-37],[78,-34],[80,-37]]
coord421.append(coord421[0])
coord422=[[75,-48],[75,-37],[78,-34],[80,-37]]
coord422.append(coord422[0])
coord423=[[67,-31],[66,-44]]
coord423.append(coord423[0])
coord424=[[66,-44],[49,-43]]
coord424.append(coord424[0])
coord425=[[49,-43],[70,-64]]
coord425.append(coord425[0])
coord426=[[49,-43],[50,-74]]
coord426.append(coord426[0])
coord427=[[50,-74],[70,-64]]
coord427.append(coord427[0])
coord428=[[50,-74],[64,-76]]
coord428.append(coord428[0])

coord365=[[18,-68],[22,-62]]
coord365.append(coord365[0])
coord366=[[22,-62],[26,-66]]
coord366.append(coord366[0])
coord367=[[26,-66],[30,-63]]
coord367.append(coord367[0])
coord368=[[26,-66],[33,-68]]
coord368.append(coord368[0])
coord369=[[26,-66],[23,-72]]
coord369.append(coord369[0])
coord370=[[17,-61.8],[10,-64]]
coord370.append(coord370[0])
coord371=[[10,-64],[18,-68]]
coord371.append(coord371[0])
coord372=[[2,-72],[5,-66]]
coord372.append(coord372[0])
coord375=[[33,-68],[41,-60],[32,-59],[25,-56],[22,-59],[22,-62],[26,-62],[30,-63]]
coord375.append(coord375[0])
coord376=[[33,-68],[41,-60],[32,-59],[25,-56],[22,-59],[22,-62],[26,-62],[30,-63]]
coord376.append(coord376[0])
coord377=[[33,-68],[41,-60],[32,-59],[25,-56],[22,-59],[22,-62],[26,-62],[30,-63]]
coord377.append(coord377[0])
coord378=[[33,-68],[41,-60],[32,-59],[25,-56],[22,-59],[22,-62],[26,-62],[30,-63]]
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coord378.append(coord378[0])
coord379=[[33,-68],[41,-60],[32,-59],[25,-56],[22,-59],[22,-62],[26,-62],[30,-63]]
coord379.append(coord379[0])
coord381=[[26,-62],[25,-56]]
coord381.append(coord381[0])
coord382=[[26,-62],[32,-59]]
coord382.append(coord382[0])
coord383=[[37,-64],[26,-62]]
coord383.append(coord383[0])
coord384=[[32,-59],[37,-64]]
coord384.append(coord384[0])
coord393=[[-11,-57],[-2,-61],[6,-61],[7,-55],[17,-61.8],[17,-59],[22,-59],[25,-56],[32,-59],[41,-60],[33,-52],[27,-49],[18,-50],[10,-48],
[4,-50],[0,-52],[-5,-54],[-8,-56]]
coord393.append(coord393[0])
coord394=[[-11,-57],[-2,-61],[6,-61],[7,-55],[17,-61.8],[17,-59],[22,-59],[25,-56],[32,-59],[41,-60],[33,-52],[27,-49],[18,-50],[10,-48],
[4,-50],[0,-52],[-5,-54],[-8,-56]]
coord394.append(coord394[0])
coord395=[[-11,-57],[-2,-61],[6,-61],[7,-55],[17,-61.8],[17,-59],[22,-59],[25,-56],[32,-59],[41,-60],[33,-52],[27,-49],[18,-50],[10,-48],
[4,-50],[0,-52],[-5,-54],[-8,-56]]
coord395.append(coord395[0])
coord397=[[18,-55.5],[7,-55],[17,-59]]
coord397.append(coord397[0])
coord398=[[18,-55.5],[33,-52],[25,-56]]
coord398.append(coord398[0])
coord400=[[-1,-58],[6,-60],[6,-61],[-2,-61]]
coord400.append(coord400[0])
coord351=[[-7,-64],[-7,-68],[2,-72],[13,-73],[23,-72],[33,-68],[30,-63],[26,-62],[22,-62],[17,-61.8],[6,-61],[10,-64],[5,-66],[0,-66],[-7,-64]]
coord351.append(coord351[0])
coord353=[[-7,-64],[-7,-68],[2,-72],[13,-73],[23,-72],[33,-68],[30,63],[26,-62],[22,-62],[17,-61.8],[6,-61],[10,-64],[5,-66],[0,-66],[-7,-64]]
coord353.append(coord353[0])
coord354=[[-7,-64],[-7,-68],[2,-72],[13,-73],[23,-72],[33,-68],[30,63],[26,-62],[22,-62],[17,-61.8],[6,-61],[10,-64],[5,-66],[0,-66],[-7,-64]]
coord354.append(coord354[0])
coord355=[[-7,-64],[-7,-68],[2,-72],[13,-73],[23,-72],[33,-68],[30,63],[26,-62],[22,-62],[17,-61.8],[6,-61],[10,-64],[5,-66],[0,-66],[-7,-64]]
coord355.append(coord355[0])
coord356=[[23,-72],[18,-68],[26,-66],[26,-62],[30,-63],[33,-68]]
coord356.append(coord356[0])
coord357=[[-7,-64],[-2,-61]]
coord357.append(coord357[0])
coord358=[[-2,-61],[0,-66]]
coord358.append(coord358[0])
coord359=[[-2,-61],[10,-64]]
coord359.append(coord359[0])
coord360=[[0,-66],[2,-72]]
coord360.append(coord360[0])
coord361=[[5,-66],[13,-73]]
coord361.append(coord361[0])
coord362=[[10,-64],[13,-73]]
coord362.append(coord362[0])
coord363=[[18,-68],[13,-73]]
coord363.append(coord363[0])
coord364=[[18,-68],[17,-61.8]]
coord364.append(coord364[0])
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coord289=[[38,6],[44,4],[41,3]]
coord289.append(coord289[0])
coord290=[[38,6],[44,4],[41,3]]
coord290.append(coord290[0])
coord291=[[46,20],[36,15]]
coord291.append(coord291[0])
coord292=[[42,25],[60,28],[62,35],[65,40],[69,59],[78,60],[73,80],[65,76],[60,69],[57,73],[52,74],[47,74],[37,69],[37,66],[38,62],[58,58],
[55,52],[52,43]]
coord292.append(coord292[0])
coord304=[[64,-76],[33,-98],[32,-103]]
coord304.append(coord304[0])
coord305=[[64,-76],[33,-98],[32,-103]]
coord305.append(coord305[0])
coord306=[[64,-76],[33,-98],[32,-103]]
coord306.append(coord306[0])
coord307=[[42,-94],[50,-74],[66,-44],[75,-37],[78,-34],[80,-37],[75,-48],[70,-64],[64,-76]]
coord307.append(coord307[0])
coord308=[[42,-94],[50,-74],[66,-44],[75,-37],[78,-34],[80,-37],[75,-48],[70,-64],[64,-76]]
coord308.append(coord308[0])
coord320=[[13,-73],[17,-78],[27,-76],[25,-83],[37,-76]]
coord320.append(coord320[0])
coord321=[[13,-73],[17,-78],[27,-76],[25,-83],[37,-76]]
coord321.append(coord321[0])
coord322=[[37,-76],[41,-60],[33,-68]]
coord322.append(coord322[0])
coord323=[[37,-76],[41,-60],[33,-68]]
coord323.append(coord323[0])
coord324=[[27,-76],[33,-68],[37,-76]]
coord324.append(coord324[0])
coord325=[[27,-76],[33,-68],[37,-76]]
coord325.append(coord325[0])
coord326=[[27,-76],[33,-68],[37,-76]]
coord326.append(coord326[0])
coord332=[[13,-73],[2,-72],[6,-76],[17,-78],[25,-83],[32,-86],[32,-92],[24,-97],[33,-98],[42,-94],[50,-74],[66,-44],[75,-37],[78,-34],
[67,-31],[49,-43],[41,-60],[37,-76],[25,-83],[27,-76],[17,-78]]
coord332.append(coord332[0])
coord339=[[6,-61],[7,-55],[17,-61.8]]
coord339.append(coord339[0])
coord346=[[-11,-57],[-7,-64],[0,-66],[5,-66],[10,-64],[6,-61],[-2,-61]]
coord346.append(coord346[0])
coord273=[[46,20],[45,16]]
coord273.append(coord273[0])
coord274=[[45,16],[55,19]]
coord274.append(coord274[0])
coord275=[[55,19],[60,23]]
coord275.append(coord275[0])
coord276=[[55,19],[61,13]]
coord276.append(coord276[0])
coord277=[[61,13],[67,17]]
coord277.append(coord277[0])
coord278=[[67,17],[70,10.5]]
coord278.append(coord278[0])
coord279=[[38,6],[35,0]]
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coord279.append(coord279[0])
coord280=[[38,6],[30,9]]
coord280.append(coord280[0])
coord281=[[30,9],[35,0]]
coord281.append(coord281[0])
coord282=[[36,15],[38,6]]
coord282.append(coord282[0])
coord283=[[38,6],[45,16]]
coord283.append(coord283[0])
coord284=[[45,16],[36,15]]
coord284.append(coord284[0])
coord285=[(45,16),(48,11)]
coord285.append(coord285[0])
coord286=[(61,13),(55,12)]
coord286.append(coord286[0])
coord287=[(61,13),(57,9)]
coord287.append(coord287[0])
coord288=[(61,13),(63,7)]
coord288.append(coord288[0])

coord257=[[60,28],[42,25],[46,20]]
coord257.append(coord257[0])
coord258=[[65,24],[69,20],[60,23]]
coord258.append(coord258[0])
coord259=[[67,29],[74,29],[82,14],[73,16],[69,20],[65,24]]
coord259.append(coord259[0])
coord260=[[37,22],[42,25],[46,20]]
coord260.append(coord260[0])
coord261=[[37,22],[42,25],[46,20]]
coord261.append(coord261[0])
coord262=[[48,21],[35,20]]
coord262.append(coord262[0])
coord263=[[60,28],[67,29],[65,24]]
coord263.append(coord263[0])
coord264=[[44,8],[51,9],[57,9],[55,12],[48,11]]
coord264.append(coord264[0])
coord265=[[65,24],[82,14],[73,16]]
coord265.append(coord265[0])
coord267=[[73,16],[82,14],[77,0],[72,-5],[68,0],[68,5]]
coord267.append(coord267[0])
coord268=[[73,16],[82,14],[77,0],[72,-5],[68,0],[68,5]]
coord268.append(coord268[0])
coord270=[[38,6],[44,0],[41,3],[35,0],[28,2],[25,4],[30,9],[26,13],[25,17],[31,23],[35,20],[45,16],[61,13],[70,10.5],[68,5],[63,7],[59,5],
[57,9],[55,12],[48,11],[44,8],[38,6]]
coord270.append(coord270[0])
coord271=[[38,6],[44,0],[41,3],[35,0],[28,2],[25,4],[30,9],[26,13],[25,17],[31,23],[35,20],[45,16],[61,13],[70,10.5],[68,5],[63,7],[59,5],
[57,9],[55,12],[48,11],[44,8],[38,6]]
coord271.append(coord271[0])
coord272=[[70,10.5],[73,16],[69,20],[60,23],[48,21],[46,20],[37,22],[35,20],[45,16],[61,13],[70,10.5]]
coord272.append(coord272[0])

coord241=[[41,3],[39,-1],[44,4]]
coord241.append(coord241[0])
coord242=[[41,3],[39,-1],[44,4]]
coord242.append(coord242[0])
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coord246=[[60.5,-1.6],[61,-4],[62,-2]]
coord246.append(coord246[0])
coord248=[[62,-0.7],[63,0],[58,2]]
coord248.append(coord248[0])
coord249=[[45,0],[50,3],[47,-3],[45,0],[44,4],[50,3],[44,4],[48,6],[50,3],[53,6],[48,6],[50,3],[53,6],[58,2],[50,3],[58,2],[54,-2],[50,3],
[54,-2],[47,-3]]
coord249.append(coord249[0])
coord250=[[59,5],[63,0],[59,5],[58,2],[63,0],[58,2],[58,-3],[63,0],[58,-3],[60,-7],[72,-5],[68,0],[63,0],[60,-7],[68,0],[63,0],[68,0],[68,5],
[63,0],[68,5],[63,7],[63,0],[63,7],[59,5]]
coord250.append(coord250[0])
coord251=[[44,4],[48,6],[53,6],[59,5],[57,9],[53,6],[51,9],[48,6],[44,8],[44,4]]
coord251.append(coord251[0])
coord252=[[57,71],[60,69],[65,76],[62,75],[56,77],[52,74],[57,73]]
coord252.append(coord252[0])
coord253=[[6,-28],[3,-34],[10,-34]]
coord253.append(coord253[0])
coord254=[[48,21],[60,23],[65,24],[60,28]]
coord254.append(coord254[0])
coord255=[[62,35],[60,28],[67,29]]
coord255.append(coord255[0])
coord256=[[37,69],[47,74],[36,74]]
coord256.append(coord256[0])

coord228=[[56,-7],[53,-10]]
coord228.append(coord228[0])
coord229=[[56,-7],[60,-7]]
coord229.append(coord229[0])
coord230=[[56,-7],[60,-10]]
coord230.append(coord230[0])
coord231=[[60,-7],[60,-10]]
coord231.append(coord231[0])
coord232=[[60,-7],[67,-10]]
coord232.append(coord232[0])
coord233=[[54,-2],[58,-3]]
coord233.append(coord233[0])
coord234=[[67,-10],[54,-20],[60,-10],[54,-20],[53,-10],[54,-20],[48,-12],[54,-20]]
coord234.append(coord234[0])
coord235=[[54,-20],[39,-14],[47,-3],[48,-12]]
coord235.append(coord235[0])
coord236=[[21,-18],[39,-14],[31,-10],[39,-1],[47,-3],[39,-14],[21,-18],[31,-10]]
coord236.append(coord236[0])
coord237=[[39,-1],[44,4],[35,0],[44,4],[39,-1],[44,8]]
coord237.append(coord237[0])
coord239=[[41,3],[39,-1],[44,4]]
coord239.append(coord239[0])
coord240=[[41,3],[39,-1],[44,4]]
coord240.append(coord240[0])

hanyu1=[[21,-35],[24,-32],[3,-34],[28,-34]]
hanyu2=[[21,-35],[24,-32],[20.5,-30.5]]
hanyu3=[[21,-35],[25,-44],[28,-34]]
hanyu4=[[21,-35],[19,-39],[21,-44]]
hanyu5=[[20.5,-30.5],[26,-23],[31,-26],[24,-32]]
hanyu6=[[28,-34],[32,-36],[30,-42],[25,-44]]
hanyu7=[[48,-12],[39,-14],[37,-28],[43,-42],[48,-45],[41,-60],[33,-52],[27,-49],[18,-50],[15,-41],[11,-38],[7,-37],[12,-35],[14,-37],
```

[16,-34],[18,-32],[20.5,-30.5],[21,-35],[19,-39],[21,-44],[21,-35],[25,-44],[30,-42],[32,-36],[28,-34],[24,-32],[31,-26],[26,-23],[20.5,-30.5],
[21,-18],[22,2],[20,17],[25,17],[26,13],[30,9],[25,4],[28,2],[35,0],[30,-3],[39,-1],[44,4],[45,0],[47,-3],[48,-12]]
hanyu8=[[14,-32],[18,-26],[21,-18],[20.5,-30.5],[18,-26],[18,-32],[14,-32]]
hanyu9=[[18,-26],[26,-23],[21,-18],[30,-19],[26,-23],[31,-26],[28,-34],[32,-36],[31,-26],[37,-28],[30,-19],[39,-14],[37,-28],[38,-38],
[43,-42],[37,-42],[38,-38],[30,-42],[38,-48],[33,-52],[41,-60],[38,-48],[48,-45],[43,-42],[37,-42],[32,-36],[31,-26],[24,-32],[21,-18],
[18,-26]]
hanyu10=[[48,-45],[52,-45],[49,-43]]
hanyu11=[[49,-43],[43,-42],[37,-28],[49,-43],[67,-31],[37,-28],[54,-20],[68,-13],[67,-31],[78,-34],[74,-27],[67,-31],[68,-13],[72,-5],
[67,-10],[68,-13],[67,-31],[49,-43]]
hanyu12=[[85,-1],[78,-34],[80,-37]]
hanyu13=[[80,-37],[85,-27],[90,-29]]
hanyu14=[[77,-45],[79,-47],[83,-47],[87,-42],[91,-33],[94,-29],[94,-18],[88,-12],[85,-1],[82.2,-22],[80,-37],[85,-27],[90,-29],[80,-37]]
hanyu15=[[80,-37],[85,-27],[82.2,-22],[88,-12],[85,-1],[82.2,-22],[85,-27],[90,-29],[94,-18],[88,-12],[82.2,-22]]
hanyu16=[[78,60],[81,45]]
hanyu17=[[72,43],[62,35]]
hanyu18=[[72,43],[67,29]]
hanyu19=[[72,43],[74,29]]
hanyu20=[[72,43],[78,37]]
hanyu21=[[78,37],[85,37]]
hanyu22=[[85,37],[81,45]]
hanyu23=[[78,37],[90,30]]
hanyu24=[[90,30],[74,29]]
hanyu25=[[89,19],[74,29]]
hanyu26=[[89,19],[83,16]]
hanyu27=[[89,19],[88,17]]
hanyu28=[[88,17],[94,-18]]
hanyu29=[[69,59],[72,43]]
hanyu30=[[69,59],[81,45]]
hanyu31=[[81,45],[72,43]]
hanyu32=[[81,45],[78,37],[74,29]]
hanyu33=[[101.5,16.5],[94,-18],[118.5,10.5],[113,20]]
hanyu34=[[101.5,16.5],[118.5,10.5]]
hanyu35=[[105.5,33.5],[113,20],[101.5,16.5]]
hanyu36=[[101.5,16.5],[89,19],[88,17],[94,-18]]
hanyu37=[[105.5,33.5],[89,19],[101.5,16.5]]
hanyu38=[[74,29],[89,19],[88,17],[94,-18]]
hanyu39=[[85,-1],[84,12],[83,16],[82,14],[81,8],[85,-1]]
hanyu40=[[-47,-28],[-19,-53],[-24,-60],[-16,-68],[-24,-83],[-1,-97],[24,-97],[-1,-97],[-24,-83],[-32,-76],[-39,-63],[-44,-47]]
hanyu41=[[-32,-76],[-14,-98],[-10,-97]]
hanyu42=[[-24,-83],[-10,-97],[-1,-97]]
hanyu43=[[24,-97],[32,-86]]
hanyu44=[[24,-97],[25,-83]]
hanyu45=[[17,-78],[24,-97]]
hanyu46=[[-1,-97],[17,-78]]
hanyu47=[[6,-76],[-1,-97]]
hanyu48=[[2,-72],[-1,-97]]
hanyu49=[[2,-72],[-24,-83]]
hanyu50=[[-7,-68],[-24,-83]]
hanyu51=[[-16,-68],[-32,-76]]
hanyu52=[[-32,-76],[-24,-60]]
hanyu53=[[-39,-63],[-24,-60]]
hanyu54=[[-44,-47],[-24,-60]]
hanyu55=[[-47,-28],[-24,-60]]
hanyu56=[[-24,-60],[-14,-57]]

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hanyu57=[[-14,-57],[-16,-68]]
hanyu58=[[-16,-68],[-7,-64]]
hanyu59=[[-16,-68],[-7,-68]]
hanyu60=[[64,-76],[52.6,-85.6],[52,-113],[33,-125],[33,-141],[37,-149],[49,-149],[57,-141],[62,-133],[58,-120],[64,-76]]
hanyu61=[[32,-103],[24,-106],[14,-110],[24,-97],[33,-98],[32,-103]]
hanyu62=[[-37,-85],[-30,-103],[-32,-76]]
hanyu63=[[-30,-103],[-35,-106],[-33,-117],[-25,-123],[-22,-112],[-32,-106],[-30,-103]]
hanyu64=[[-35,-106],[-30,-103],[-32,-106],[-22,-112],[-32,-76],[-30,-103],[-37,-85],[-35,-106]]
hanyu65=[[-25,-123],[-18,-130],[-13,-140],[-24,-130],[-25,-123]]
hanyu66=[[-13,-140],[16,-139],[-18,-130],[-8,-123],[16,-139],[37,-149],[33,-141],[24,-120],[14,-110],[-14,-98],[-8,-114],[-22,-112],
[-25,-123],[-18,-130],[-13,-140]]
hanyu67=[[32,-92],[24,-97],[32,-103],[33,-98],[42,-94],[32,-92]]
hanyu68=[[24,-97],[33,-98],[22.5,-99],[8,-100],[-14,-98],[-5.2,-101.8],[5,-104],[33,-98]]
hanyu69=[[25,-111],[32,-103],[24,-106]]
hanyu70=[[14,-110],[24,-106],[25,-111],[32,-103],[52.6,-85.6],[52,-113],[33,-125],[33,-141],[24,-120],[14,-110],[22.5,-99],[5,-104],
[-5.2,-101.8]]
hanyu71=[[37,-149],[42,-153],[49,-149]]
hanyu72=[[-25,-123],[-8,-114]]
hanyu73=[[-8,-114],[14,-110]]
hanyu74=[[14,-110],[5,-117]]
hanyu75=[[5,-117],[-8,-114]]
hanyu76=[[-8,-114],[-8,-123]]
hanyu77=[[16,-139],[14,-110]]
hanyu78=[[14,-110],[33,-141]]
hanyu79=[[33,-141],[16,-139]]
hanyu80=[[24,-120],[33,-125]]
hanyu81=[[24,-120],[25,-111]]
hanyu82=[[25,-111],[52,-113]]
hanyu83=[[52,-113],[24,-120]]
hanyu84=[[52,-113],[32,-103]]
hanyu1.append(hanyu1[0])
hanyu2.append(hanyu2[0])
hanyu3.append(hanyu3[0])
hanyu4.append(hanyu4[0])
hanyu5.append(hanyu5[0])
hanyu6.append(hanyu6[0])
hanyu7.append(hanyu7[0])
hanyu8.append(hanyu8[0])
hanyu9.append(hanyu9[0])
hanyu10.append(hanyu10[0])
hanyu11.append(hanyu11[0])
hanyu12.append(hanyu12[0])
hanyu13.append(hanyu13[0])
hanyu14.append(hanyu14[0])
hanyu15.append(hanyu15[0])
hanyu16.append(hanyu16[0])
hanyu17.append(hanyu17[0])
hanyu18.append(hanyu18[0])
hanyu19.append(hanyu19[0])
hanyu20.append(hanyu20[0])
hanyu21.append(hanyu21[0])
hanyu22.append(hanyu22[0])
hanyu23.append(hanyu23[0])
hanyu24.append(hanyu24[0])
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```
hanyu25.append(hanyu25[0])
hanyu26.append(hanyu26[0])
hanyu27.append(hanyu27[0])
hanyu28.append(hanyu28[0])
hanyu29.append(hanyu29[0])
hanyu30.append(hanyu30[0])
hanyu31.append(hanyu31[0])
hanyu32.append(hanyu32[0])
hanyu33.append(hanyu33[0])
hanyu34.append(hanyu34[0])
hanyu35.append(hanyu35[0])
hanyu36.append(hanyu36[0])
hanyu37.append(hanyu37[0])
hanyu38.append(hanyu38[0])
hanyu39.append(hanyu39[0])
hanyu40.append(hanyu40[0])
hanyu41.append(hanyu41[0])
hanyu42.append(hanyu42[0])
hanyu43.append(hanyu43[0])
hanyu44.append(hanyu44[0])
hanyu45.append(hanyu45[0])
hanyu46.append(hanyu46[0])
hanyu47.append(hanyu47[0])
hanyu48.append(hanyu48[0])
hanyu49.append(hanyu49[0])
hanyu50.append(hanyu50[0])
hanyu51.append(hanyu51[0])
hanyu52.append(hanyu52[0])
hanyu53.append(hanyu53[0])
hanyu54.append(hanyu54[0])
hanyu55.append(hanyu55[0])
hanyu56.append(hanyu56[0])
hanyu57.append(hanyu57[0])
hanyu58.append(hanyu58[0])
hanyu59.append(hanyu59[0])
hanyu60.append(hanyu60[0])
hanyu61.append(hanyu61[0])
hanyu62.append(hanyu62[0])
hanyu63.append(hanyu63[0])
hanyu64.append(hanyu64[0])
hanyu65.append(hanyu65[0])
hanyu66.append(hanyu66[0])
hanyu67.append(hanyu67[0])
hanyu68.append(hanyu68[0])
hanyu69.append(hanyu69[0])
hanyu70.append(hanyu70[0])
hanyu71.append(hanyu71[0])
hanyu72.append(hanyu72[0])
hanyu73.append(hanyu73[0])
hanyu74.append(hanyu74[0])
hanyu75.append(hanyu75[0])
hanyu76.append(hanyu76[0])
hanyu77.append(hanyu77[0])
hanyu78.append(hanyu78[0])
```

```
hanyu79.append(hanyu79[0])
hanyu80.append(hanyu80[0])
hanyu81.append(hanyu81[0])
hanyu82.append(hanyu82[0])
hanyu83.append(hanyu83[0])
hanyu84.append(hanyu84[0])
coord680=[[52,-113],[32,-103]]
coord680.append(coord680[0])
coord681=[[52,-113],[58,-120]]
coord681.append(coord681[0])
coord682=[[52,-113],[57,-141]]
coord682.append(coord682[0])
coord683=[[52,-113],[49,-149]]
coord683.append(coord683[0])
coord684=[[52,-113],[37,-149]]
coord684.append(coord684[0])
coord685=[[52,-113],[33,-141]]
coord685.append(coord685[0])
coord686=[[52,-113],[33,-125]]
coord686.append(coord686[0])
coord687=[[52.6,-85.6],[58,-120],[64,-76]]
coord687.append(coord687[0])
coord688=[[52,-113],[49,-149],[57,-141]]
coord688.append(coord688[0])
coord689=[[80,-37],[82,-38],[77,-45],[75,-48],[80,-37]]
coord689.append(coord689[0])
coord690=[[80,-37],[82,-38],[77,-45],[75,-48],[80,-37]]
coord690.append(coord690[0])
coord691=[[80,-37],[82,-38],[77,-45],[75,-48],[80,-37]]
coord691.append(coord691[0])
coord692=[[80,-37],[82,-38],[77,-45],[75,-48],[80,-37]]
coord692.append(coord692[0])
coord693=[[82,-38],[84,-40],[87,-42]]
coord693.append(coord693[0])
coord694=[[79,-47],[82,-38]]
coord694.append(coord694[0])
coord695=[[82,-38],[83,-47]]
coord695.append(coord695[0])
coord696=[[82,-38],[86,-33]]
coord696.append(coord696[0])
coord697=[[82,-38],[91,-33]]
coord697.append(coord697[0])
coord698=[[91,-33],[84,-40]]
coord698.append(coord698[0])
coord699=[[86,-33],[84,-40]]
coord699.append(coord699[0])
coord700=[[94,-29],[90,-29]]
coord700.append(coord700[0])
coord701=[[90,-29],[91,-33]]
coord701.append(coord701[0])
coord704=[[-18,-31],[-19,-53],[-15,-43]]
coord704.append(coord704[0])
coord705=[[-11,-57],[-15,-43],[-18,-31]]
coord705.append(coord705[0])
```

```
coord706=[[-8,-56],[-19,-53]]
coord706.append(coord706[0])
coord707=[[-18,-31],[-5,-54]]
coord707.append(coord707[0])
coord708=[[1.2,-37],[0,-52]]
coord708.append(coord708[0])
coord709=[[4,-50],[1.2,-37],[7,-37]]
coord709.append(coord709[0])
coord710=[[10,-48],[11,-38]]
coord710.append(coord710[0])
coord711=[[11,-43],[15,-41],[18,-50]]
coord711.append(coord711[0])
coord713=[[15,-41],[19,-39],[21,-44]]
coord713.append(coord713[0])
coord714=[[18,-50],[21,-44],[25,-44],[27,-49]]
coord714.append(coord714[0])
coord715=[[27,-49],[33,-52],[33,-44.5]]
coord715.append(coord715[0])
coord719=[[-50,-10],[-53,-18],[-47,-28]]
coord719.append(coord719[0])
coord720=[[-47,-28],[-26,-1],[-50,-10]]
coord720.append(coord720[0])
coord721=[[-26,-1],[-20,-2]]
coord721.append(coord721[0])
coord725=[[-36,5],[-32,-3],[-26,-1]]
coord725.append(coord725[0])
coord726=[[-50,-10],[-36,5],[-37,9]]
coord726.append(coord726[0])
coord728=[[-51,5],[-37,9],[-50,-10]]
coord728.append(coord728[0])
coord731=[[-49,15],[-40,-20],[-37,9]]
coord731.append(coord731[0])
coord732=[[-51,5],[-49,15]]
coord732.append(coord732[0])
coord733=[[-3,2],[5,9]]
coord733.append(coord733[0])
coord737=[[-40,20],[-28,34],[-21,33],[3,25],[2,19],[-18,25],[-25,28]]
coord737.append(coord737[0])
coord738=[[-40,20],[-28,34],[-21,33],[3,25],[2,19],[-18,25],[-25,28]]
coord738.append(coord738[0])
coord745=[[-25,28],[-21,29.5],[-21,33],[-21,29.5]]
coord745.append(coord745[0])
coord746=[[-21,29.5],[-28,34],[-25,28]]
coord746.append(coord746[0])
coord747=[[-21,29.5],[-12,23],[3,25],[-10.5,29]]
coord747.append(coord747[0])
coord748=[[-4.6,21],[-4.6,24],[-11.5,23.05]]
coord748.append(coord748[0])
coord749=[[-4.6,21],[-4.6,24],[-11.5,23.05]]
coord749.append(coord749[0])
coord750=[[-10.5,29],[-12,23]]
coord750.append(coord750[0])
coord751=[[-31.4,24.6],[-28,34]]
coord751.append(coord751[0])
```

```
coord767=[[-8,9],[-8,5],[-11,2],[-18,2],[-20,5],[-25,9],[-22,10],[-18,11],[-13,9],[-13,7],[-11,9],[-13,9],[-18,11],[-12,10],[-8,9]]
coord767.append(coord767[0])
coord768=[[-8,9],[-8,5],[-11,2],[-18,2],[-20,5],[-25,9],[-22,10],[-18,11],[-13,9],[-13,7],[-11,9],[-13,9],[-18,11],[-12,10],[-8,9]]
coord768.append(coord768[0])
coord769=[[-8,9],[-8,5],[-11,2],[-18,2],[-20,5],[-25,9],[-22,10],[-18,11],[-13,9],[-13,7],[-11,9],[-13,9],[-18,11],[-12,10],[-8,9]]
coord769.append(coord769[0])
coord770=[[-8,9],[-8,5],[-11,2],[-18,2],[-20,5],[-25,9],[-22,10],[-18,11],[-13,9],[-13,7],[-11,9],[-13,9],[-18,11],[-12,10],[-8,9]]
coord770.append(coord770[0])
coord771=[[-18,2],[-18,11]]
coord771.append(coord771[0])
coord772=[[-22,10],[-20,5]]
coord772.append(coord772[0])
coord773=[[-18,2],[-13,8]]
coord773.append(coord773[0])
coord774=[[-11,2],[-13,7]]
coord774.append(coord774[0])
coord775=[[-8,5],[-13,7]]
coord775.append(coord775[0])
coord776=[[-8,9],[-11,9]]
coord776.append(coord776[0])
coord784=[[-25,9],[-28,5],[-31.4,4.3],[-31,4],[-30,4],[-28,3],[-22,3],[-24,4],[-23,7.4]]
coord784.append(coord784[0])
coord785=[[-25,9],[-28,5],[-31.4,4.3],[-31,4],[-30,4],[-28,3],[-22,3],[-24,4],[-23,7.4]]
coord785.append(coord785[0])
coord786=[[-25,9],[-28,5],[-31.4,4.3],[-31,4],[-30,4],[-28,3],[-22,3],[-24,4],[-23,7.4]]
coord786.append(coord786[0])
coord787=[[-25,9],[-28,5],[-31.4,4.3],[-31,4],[-30,4],[-28,3],[-22,3],[-24,4],[-23,7.4]]
coord787.append(coord787[0])
coord788=[[-25,9],[-28,5],[-31.4,4.3],[-31,4],[-30,4],[-28,3],[-22,3],[-24,4],[-23,7.4]]
coord788.append(coord788[0])
coord789=[[-37,9],[-31,4],[-30,4],[-28,5],[-25,9]]
coord789.append(coord789[0])
coord790=[[-37,9],[-31,4],[-30,4],[-28,5],[-25,9]]
coord790.append(coord790[0])
coord791=[[-37,9],[-31,4],[-30,4],[-28,5],[-25,9]]
coord791.append(coord791[0])
coord809=[[-25,9],[-20,13],[-18,11],[-11,14],[-12,10],[-4,12],[2,6],[-8,9],[-12,10],[-18,11],[-22,10]]
coord809.append(coord809[0])
coord810=[[-25,9],[-20,13],[-18,11],[-11,14],[-12,10],[-4,12],[2,6],[-8,9],[-12,10],[-18,11],[-22,10]]
coord810.append(coord810[0])
coord811=[[-10,17],[-5,18],[-4,12],[2,6],[5,9],[1,12],[-5,18],[-12,23]]
coord811.append(coord811[0])
coord812=[[-30,13],[-25,9],[-20,13],[-18,11],[-11,14],[-20,13],[-30,13]]
coord812.append(coord812[0])
coord813=[[-8,9],[2,6],[-7,2],[-5,5]]
coord813.append(coord813[0])
coord814=[[-8,9],[2,6],[-7,2],[-5,5]]
coord814.append(coord814[0])
coord815=[[-8,9],[2,6],[-7,2],[-5,5]]
coord815.append(coord815[0])
coord816=[[-37,9],[-30,13],[-25,9]]
coord816.append(coord816[0])
coord818=[[-30,13],[-25.9,17.5],[-20,19],[-15,19],[-10,17],[-15,17],[-20,16],[-30,13]]
coord818.append(coord818[0])
```

```
coord819=[[-30,13],[-25.9,17.5],[-20,19],[-15,19],[-10,17],[-15,17],[-20,16],[-30,13]]
coord819.append(coord819[0])
coord820=[[-30,13],[-25.9,17.5],[-20,19],[-15,19],[-10,17],[-15,17],[-20,16],[-30,13]]
coord820.append(coord820[0])
coord821=[[-37,9],[-36,5],[-26,-1],[-20,-2],[-12,-2],[-3,2],[2,6],[-7,2],[-5,5],[-8,9],[-8,5],[-11,2],[-18,2],[-22,3],[-28,3],[-30,4],[-31,4],[-37,9]]
coord821.append(coord821[0])
coord822=[[-25,28],[-25.9,17.5],[-30,13],[-37,9],[-40,20],[-31.4,24.6]]
coord822.append(coord822[0])
coord823=[[5,9],[2,19],[-12,23],[-5,18],[1,12]]
coord823.append(coord823[0])
coord824=[[-15,19],[-12,23],[-10,17],[-5,18],[-4,12],[1,12],[5,9],[-4,12],[-11,14],[-15,17],[-10,17],[-15,19]]
coord824.append(coord824[0])
coord825=[[-15,19],[-12,23],[-10,17],[-5,18],[-4,12],[1,12],[5,9],[-4,12],[-11,14],[-15,17],[-10,17],[-15,19]]
coord825.append(coord825[0])
coord826=[[-36,5],[-31,4]]
coord826.append(coord826[0])
coord827=[[-31,4],[-26,-1],[-22,3],[-28,3],[-30,4]]
coord827.append(coord827[0])
coord828=[[-26,-1],[-18,2]]
coord828.append(coord828[0])
coord829=[[-20,-2],[-15,-1],[-11,2],[-18,2]]
coord829.append(coord829[0])
coord830=[[-5,5],[2,6]]
coord830.append(coord830[0])
coord831=[[-25,28],[-20,19],[-18,25],[-15,19]]
coord831.append(coord831[0])
coord832=[[-11,2],[-11,2],[-7,2],[-11,2],[-8,5],[-5,5],[-7,2],[-8,5],[-7,2],[-3,2]]
coord832.append(coord832[0])
coord833=[[-18,2],[-15,-1]]
coord833.append(coord833[0])
coord834=[[-12,-2],[-7,2]]
coord834.append(coord834[0])
coord835=[[-12,-2],[-12,-2]]
coord835.append(coord835[0])
coord836=[[-28,3],[-26,-1]]
coord836.append(coord836[0])
coord837=[[-40,20],[-30,13]]
coord837.append(coord837[0])
coord838=[[-31.4,24.6],[-25.9,17.5]]
coord838.append(coord838[0])
coord839=[[-22,3],[-20,5],[-24,4]]
coord839.append(coord839[0])
coord857=[[35,42],[25,65],[30,65],[37,66],[37,69],[24,68],[30,65],[37,69]]
coord857.append(coord857[0])
coord858=[[25,65],[24,68],[10,67],[-5,67],[-13,67],[-25,51],[-28,65],[-38,56],[-25,51],[-54,39],[-48,38],[-50,27],[-49,15],[-43,27],
[-28,34],[-25,51],[-21,33],[-2,57],[10,67],[24,68]]
coord858.append(coord858[0])
coord860=[[3,25],[10,67]]
coord860.append(coord860[0])
coord861=[[35,42],[10,67]]
coord861.append(coord861[0])
coord862=[[-2,57],[-5,67]]
coord862.append(coord862[0])
coord863=[[-2,57],[-13,67]]
```

```
coord863.append(coord863[0])
coord864=[[-28,65],[-13,67]]
coord864.append(coord864[0])
coord865=[[-53,57],[-38,56]]
coord865.append(coord865[0])
coord866=[[-39,45],[-38,56]]
coord866.append(coord866[0])
coord867=[[-54,39],[-53,57]]
coord867.append(coord867[0])
coord868=[[-50,27],[-28,34]]
coord868.append(coord868[0])
coord896=[[62,76],[56,91],[47,74]]
coord896.append(coord896[0])
coord897=[[56,91],[60,106],[67,105]]
coord897.append(coord897[0])
coord898=[[56,91],[60,106],[67,105]]
coord898.append(coord898[0])
coord899=[[47,74],[40,84],[10,67],[36,74]]
coord899.append(coord899[0])
coord900=[[47,74],[40,84],[10,67],[36,74]]
coord900.append(coord900[0])
coord901=[[27,127],[18,122],[25,122],[35,122]]
coord901.append(coord901[0])
coord902=[[27,127],[18,122],[25,122],[35,122]]
coord902.append(coord902[0])
coord903=[[35,122],[37,104],[40,114],[21,119]]
coord903.append(coord903[0])
coord904=[[35,122],[37,104],[40,114],[21,119]]
coord904.append(coord904[0])
coord905=[[28,109],[35,122],[31,95]]
coord905.append(coord905[0])
coord906=[[-5,67],[13,82],[0,83]]
coord906.append(coord906[0])
coord907=[[7,87],[2,83],[25,81],[36,74],[10,67]]
coord907.append(coord907[0])
coord908=[[31,95],[25,105],[28,109],[26,112],[20,113],[15,107],[22,107],[25,105]]
coord908.append(coord908[0])
coord909 = [(7, 87), (2, 83), (25, 81), (36, 74), (10, 67)]
coord910 = [(25, 105), (28, 109), (26, 112), (20, 113), (15, 107), (22, 107), (25, 105)]
coord922 = [(98, 54), (110, 65), (100, 70), (83, 77), (73, 80), (75, 73), (75, 65), (78, 60)]
coord924 = [(105.5, 33.5), (112, 48), (89, 47), (90, 30)]
coord926 = [(107, 90), (97, 108), (83, 77)]
coord928 = [(97, 108), (67, 105), (85, 115)]
coord930 = [(7, 87), (15, 107), (20, 113), (20, 118), (18, 122), (27, 127), (81, 130), (85, 115), (97, 108), (107, 90), (112, 80), (110,
65), (112, 48), (105.5, 33.5), (89, 19), (74, 29), (67, 29), (62, 35), (65, 40), (66, 44), (67, 48), (68, 53), (69, 59), (78, 60), (98, 54),
(110, 65), (100, 70), (83, 77), (73, 80), (65, 76), (62, 76), (56, 91), (67, 105), (97, 108), (83, 77), (107, 90), (97, 108), (85, 115), (67,
105), (60, 106), (56, 91), (47, 74), (40, 84), (25, 81), (22, 83), (13, 82), (7, 87)]
coord931 = [(40, 84), (31, 95), (28, 89), (22, 83), (19, 90), (28, 89), (31, 95), (25, 105), (19, 90), (15, 107), (19, 90), (7, 87), (19, 90),
(13, 82), (22, 83)]
coord9325 = [(40, 114), (81, 130)]
coord932 = [(112, 80), (107, 90), (97, 108), (67, 105), (35, 122), (27, 127), (60, 106), (67, 105), (81, 130), (85, 115)]
coord933 = [(110, 65), (100, 70), (112, 80)]
coord935 = [(85, 37), (89, 47)]
coord936 = [(85, 37), (112, 48)]
```

coord937 = [(85, 37), (90, 30)]
coord938 = [(81, 45), (89, 47)]
coord939 = [(81, 45), (98, 54)]
coord940 = [(112, 48), (98, 54)]
coord941 = [(98, 54), (100, 70)]
coord942 = [(78, 60), (100, 70)]
coord943 = [(100, 70), (107, 90)]
coord944 = [(75, 73), (83, 77)]
coord945 = [(73, 80), (56, 91)]
coord946 = [(67, 105), (73, 80)]
coord947 = [(37, 104), (56, 91)]
coord948 = [(56, 91), (40, 84)]
coord949 = [(31, 95), (37, 104)]
coord966 = [(-37.5, -75), (-50, -79), (-38, -66)]
coord967 = [(-45, -41), (-44, -47), (-49, -49)]
coord968 = [(-57, -54), (-51, -54), (-63, -62)]
coord969 = [(-63, -62), (-60, -67), (-71, -62)]
coord970 = [(-37.5, -75), (-50, -79), (-48, -68), (-41, -58), (-39, -63)]
coord972 = [(-48, -68), (-56, -68), (-65, -72), (-60, -67), (-41, -58)]
coord973 = [(-60, -67), (-71, -66), (-78, -57), (-71, -62), (-63, -62), (-57, -54), (-49, -49), (-44, -47), (-51, -54), (-55, -60)]
coord975 = [(-41, -58), (-44, -47), (-51, -54), (-55, -60), (-60, -67)]
coord1003 = [(-45, -41), (-44, -47), (-49, -49)]
coord1007 = [(-46, -36), (-51, -43), (-52, -32)]
coord1010 = [(-52, -32), (-51, -43), (-59, -38)]
coord1012 = [(-51, 5), (-60, 12), (-66, 8)]
coord1014 = [(-79, 15), (-50, 27), (-64, 33)]
coord1016 = [(-90, -10), (-83, -18), (-74, -10)]
coord1018 = [(-60, -3), (-51, 5), (-50, 10)]
coord1021 = [(-65, -10), (-60, -3), (-53, -18)]
coord1023 = [(-45, -41), (-55, -47), (-69, -46), (-66, -43), (-51, -43)]
coord1025 = [(-66, -43), (-67, -29), (-75, -42), (-78, -47), (-81, -46), (-86, -42), (-90, -40), (-91, -34), (-87, -30), (-86, -24), (-90, -10), (-83, -18), (-76, -15), (-71, -10), (-65, -10), (-50, -10), (-53, -18), (-47, -28), (-46, -36), (-59, -38)]
coord1028 = [(-66, -43), (-80, -37)]
coord1029 = [(-75, -42), (-80, -37)]
coord1030 = [(-80, -37), (-78, -47)]
coord1031 = [(-86, -42), (-80, -37)]
coord1032 = [(-90, -40), (-80, -37)]
coord1033 = [(-91, -34), (-80, -37)]
coord1034 = [(-87, -30), (-80, -37)]
coord1035 = [(-80, -37), (-67, -29)]
coord1036 = [(-83, -18), (-86, -24)]
coord1037 = [(-79, 15), (-66, 8)]
coord1038 = [(-60, 12), (-49, 15)]
coord1039 = [(-49, 15), (-79, 15)]
coord1040 = [(-66, 8), (-60, -3)]
coord1041 = [(-60, -3), (-50, -10)]
coord1042 = [(-54, 39), (-64, 33)]
coord1043 = [(-86, -24), (-67, -29), (-52, -32), (-47, -28), (-53, -18), (-67, -29), (-76, -15), (-65, -10)]
coord1072 = [(-62, 66), (-67, 86), (-86, 94), (-91, 84), (-80, 80), (-80, 63), (-67, 63)]
coord1073 = [(-5, 111), (-13, 117), (-9, 124), (2, 124)]
coord1074 = [(-65, 122), (-64, 129), (-80, 133), (-76, 128)]
coord1075 = [(-98, 117), (-93, 132), (-110, 128)]
coord1078 = [(6, 98), (4, 104), (-7, 99)]
coord1079 = [(-5, 95), (-7, 99), (6, 98)]

```
coord1082 = [(-33, 78), (-26, 84), (-42, 97)]
coord1084 = [(-72, 39), (-100, 26), (-95, 46)]
coord1085 = [(-28, 65), (0, 83), (-13, 67)]
coord1086 = [(-53, 57), (-38, 56), (-28, 65)]
coord1088 = [(-80, 80), (-62, 66), (-67, 86)]
coord1090 = [(-9, 124), (-5, 111), (2, 124)]
coord1091 = [(-80, 80), (-67, 63)]
coord1103 = [(-115, 92), (-117, 83), (-108, 71), (-110, 60), (-134, 74), (-130, 92)]
coord1104 = [(-132, 196), (-121, 199), (-110, 182), (-121, 183)]
coord1105 = [(-134, 74), (-117, 83), (-108, 71)]
coord1106 = [(-86, 94), (-67, 86), (-91, 84)]
coord1107 = [(16.5, -143), (16.5, -147)]
coord1108 = [(15.5, -143), (14, -145)]
coord1109 = [(14, -145), (15.5, -147)]
coord1110 = [(14, -143), (12.5, -145)]
coord1111 = [(12.5, -145), (14, -147)]
coord1112 = [(13, -147), (10, -143)]
coord1113 = [(10, -143), (10, -147)]
coord1114 = [(10, -145), (11.5, -145)]
coord1115 = [(9, -143), (7, -143)]
coord1116 = [(7, -143), (7, -147)]
coord1117 = [(7, -145), (9, -143)]
coord1118 = [(7, -145), (9, -147)]
coord1119 = [(6, -143), (4, -143), (4, -145)]
coord1120 = [(4, -145), (4, -147), (6, -147)]
coord1121 = [(0, -143), (-2, -143)]
coord1122 = [(-2, -143), (-2, -147)]
coord1123 = [(-2, -145), (-1, -145)]
coord1124 = [(-2, -147), (0, -147)]
coord1125 = [(-3, -143), (-5, -143)]
coord1126 = [(-5, -143), (-5, -147)]
coord1127 = [(-3, -143), (-5, -147)]
coord1128 = [(-6, -144.5), (-6, -147)]
coord1129 = [(-6, -143), (-8, -147)]
coord1130 = [(-8, -147), (-8, -143)]
coord1131 = [(-9, -143), (-9, -147)]
coord1132 = [(-9, -143), (-11, -147)]
coord1133 = [(-9, -145), (-10, -145)]
coord1134 = [(-10, -143), (-12, -143), (-12, -147)]
coord909.append(coord909[0])
coord910.append(coord910[0])
coord922.append(coord922[0])
coord924.append(coord924[0])
coord926.append(coord926[0])
coord928.append(coord928[0])
coord930.append(coord930[0])
coord931.append(coord931[0])
coord9325.append(coord9325[0])
coord932.append(coord932[0])
coord933.append(coord933[0])
coord935.append(coord935[0])
coord936.append(coord936[0])
coord937.append(coord937[0])
coord938.append(coord938[0])
```

```
coord939.append(coord939[0])
coord940.append(coord940[0])
coord941.append(coord941[0])
coord942.append(coord942[0])
coord943.append(coord943[0])
coord944.append(coord944[0])
coord945.append(coord945[0])
coord946.append(coord946[0])
coord947.append(coord947[0])
coord948.append(coord942[0])
coord949.append(coord949[0])
coord966.append(coord966[0])
coord967.append(coord967[0])
coord968.append(coord968[0])
coord969.append(coord969[0])
coord970.append(coord970[0])
coord972.append(coord972[0])
coord973.append(coord973[0])
coord975.append(coord975[0])
coord1003.append(coord1003[0])
coord1007.append(coord1007[0])
coord1010.append(coord1010[0])
coord1012.append(coord1012[0])
coord1014.append(coord1014[0])
coord1016.append(coord1016[0])
coord1018.append(coord1018[0])
coord1021.append(coord1021[0])
coord1023.append(coord1023[0])
coord1025.append(coord1025[0])
coord1028.append(coord1028[0])
coord1029.append(coord1029[0])
coord1030.append(coord1030[0])
coord1031.append(coord1031[0])
coord1032.append(coord1032[0])
coord1033.append(coord1033[0])
coord1034.append(coord1034[0])
coord1035.append(coord1035[0])
coord1036.append(coord1036[0])
coord1037.append(coord1037[0])
coord1038.append(coord1038[0])
coord1039.append(coord1039[0])
coord1040.append(coord1040[0])
coord1041.append(coord1041[0])
coord1042.append(coord1042[0])
coord1043.append(coord1043[0])
coord1072.append(coord1072[0])
coord1073.append(coord1073[0])
coord1074.append(coord1074[0])
coord1075.append(coord1075[0])
coord1078.append(coord1078[0])
coord1079.append(coord1079[0])
coord1082.append(coord1082[0])
coord1084.append(coord1084[0])
coord1085.append(coord1085[0])
```

```
coord1086.append(coord1086[0])
coord1088.append(coord1088[0])
coord1090.append(coord1090[0])
coord1091.append(coord1091[0])
coord1103.append(coord1103[0])
coord1104.append(coord1104[0])
coord1105.append(coord1105[0])
coord1106.append(coord1106[0])
coord1107.append(coord1107[0])
coord1108.append(coord1108[0])
coord1109.append(coord1109[0])
coord1110.append(coord1110[0])
coord1111.append(coord1111[0])
coord1112.append(coord1112[0])
coord1113.append(coord1113[0])
coord1114.append(coord1114[0])
coord1115.append(coord1115[0])
coord1116.append(coord1116[0])
coord1117.append(coord1117[0])
coord1118.append(coord1118[0])
coord1119.append(coord1119[0])
coord1120.append(coord1120[0])
coord1121.append(coord1121[0])
coord1122.append(coord1122[0])
coord1123.append(coord1123[0])
coord1124.append(coord1124[0])
coord1125.append(coord1125[0])
coord1126.append(coord1126[0])
coord1127.append(coord1127[0])
coord1128.append(coord1128[0])
coord1129.append(coord1129[0])
coord1130.append(coord1130[0])
coord1131.append(coord1131[0])
coord1132.append(coord1132[0])
coord1133.append(coord1133[0])
coord1134.append(coord1134[0])
xs,ys=zip(*coord1+coord2+coord3+coord15+coord17+coord18+coord19+coord21+coord24+coord25+coord31+coord32+coord33+co
 + coord910 + coord922 + coord924 + coord926 + coord928 + coord930 + coord931 + coord9325 + coord932 + coord933 +
coord935 + coord936 + coord937 + coord938 + coord939 + coord940 + coord941 + coord942 + coord943 + coord944 + coord945 +
coord946 + coord947 + coord948 + coord949 + coord966 + coord967 + coord968 + coord969 + coord970 + coord972 + coord973 +
coord975 + coord1003 + coord1007 + coord1010 + coord1012 + coord1014 + coord1016 + coord1018 + coord1021 + coord1023 +
coord1025 + coord1028 + coord1029 + coord1030 + coord1031 + coord1032 + coord1033 + coord1034 + coord1035 + coord1036 +
coord1037 + coord1038 + coord1039 + coord1040 + coord1041 + coord1042 + coord1043 + coord1072 + coord1073 + coord1074 +
coord1075 + coord1078 + coord1079 + coord1082 + coord1084 + coord1085 + coord1086 + coord1088 + coord1090 + coord1091 +
coord1103 + coord1104 + coord1105 + coord1106 + coord1107 + coord1108 + coord1109 + coord1110 + coord1111 + coord1112 +
coord1113 + coord1114 + coord1115 + coord1116 + coord1117 + coord1118 + coord1119 + coord1120 + coord1121 + coord1122 +
coord1123 + coord1124 + coord1125 + coord1126 + coord1127 + coord1128 + coord1129 + coord1130 + coord1131 + coord1132 +
coord1133 + coord1134+coord429 + coord430 + coord431 + coord432 + coord433 + coord434 +
coord443+coord444+coord445+coord446+coord447+coord448+coord449+coord450+coord451+coord452+coord401+coord402+coo

plt.figure()
plt.plot(xs,ys,"black")
x44=[60,42,46]
```

```
y44=[28,25,20]
plt.fill(x44,y44,color="black",alpha=0.2)
x48=[48,60,65,60]
y48=[21,23,24,28]
plt.fill(x48,y48,color="black",alpha=0.2)
x53=[65,69,60]
y53=[24,20,23]
plt.fill(x53,y53,color="black",alpha=0.4)
x63=[67,74,82,73,69,65]
y63=[29,29,14,16,20,24]
plt.fill(x63,y63,color="black",alpha=0.3)
x124=[37,47,36]
y124=[69,74,74]
plt.fill(x124,y124,color="black",alpha=0.2)
x134=[57,60,65,62,56,52,57]
y134=[71,69,76,75,77,74,73]
plt.fill(x134,y134,color="black",alpha=0.2)
x204=[30,35,39]
y204=[-3,0,-1]
plt.fill(x204,y204,color="black",alpha=0.4)
x207=[45,50,47,45,44,50,44,48,50,53,48,50,53,58,50,58,54,50,54,47]
y207=[0,3,-3,0,4,3,4,6,3,6,6,3,6,2,3,2,-2,3,-2,-3]
plt.fill(x207,y207,color="black",alpha=0.6)
x211=[53,59,58]
y211=[6,5,2]
plt.fill(x211,y211,color="black",alpha=0.8)
x216=[44,48,53,59,57,53,51,48,44,44]
y216=[4,6,6,5,9,6,9,6,8,4]
plt.fill(x216,y216,color="black",alpha=0.3)
x218=[59,63,59,58,63,58,58,63,58,60,72,68,63,60,68,63,68,68,63,68,63,63,63,59]
y218=[5,0,5,2,0,2,-3,0,-3,-7,-5,0,0,-7,0,0,0,5,0,5,7,0,7,5]
plt.fill(x218,y218,color="black",alpha=0.3)
x221=[47,48,53,60,67,72,60,58,58,54]
y221=[-3,-12,-10,-10,-10,-5,-7,-3,2,-2]
plt.fill(x221,y221,color="black",alpha=0.4)
x241=[41,39,44]
y241=[3,-1,4]
plt.fill(x241,y241,color="black")
x246=[60.5,61,62]
y246=[-1.6,-4,-2]
plt.fill(x246,y246,color="black",alpha=0.1)
x248=[62,63,58]
y248=[-0.7,0,2]
plt.fill(x248,y248,color="black",alpha=0.1)
x249=[45,50,47,45,44,50,44,48,50,53,48,50,53,58,50,58,54,50,54,47]
y249=[0,3,-3,0,4,3,4,6,3,6,6,3,6,2,3,2,-2,3,-2,-3]
plt.fill(x249,y249,color="black",alpha=0.2)
x250=[59,63,59,58,63,58,58,63,58,60,72,68,63,60,68,63,68,68,63,68,63,63,63,59]
y250=[5,0,5,2,0,2,-3,0,-3,-7,-5,0,0,-7,0,0,0,5,0,5,7,0,7,5]
plt.fill(x250,y250,color="black",alpha=0.1)
x251=[44,48,53,59,57,53,51,48,44,44]
y251=[4,6,6,5,9,6,9,6,8,4]
plt.fill(x251,y251,color="black",alpha=0.2)
```

```
x252=[57,60,65,62,56,52,57]
y252=[71,69,76,75,77,74,73]
plt.fill(x252,y252,color="black",alpha=0.2)
x254=[48,60,65,60]
y254=[21,23,24,28]
plt.fill(x254,y254,color="black",alpha=0.3)
x255=[62,60,67]
y255=[35,28,29]
plt.fill(x255,y255,color="black",alpha=0.2)
x256=[37,47,36]
y256=[69,74,74]
plt.fill(x256,y256,color="black",alpha=0.2)
x257=[60,42,46]
y257=[28,25,20]
plt.fill(x257,y257,color="black",alpha=0.2)
x258=[65,69,60]
y258=[24,20,23]
plt.fill(x258,y258,color="black",alpha=0.2)
x259=[67,74,82,73,69,65]
y259=[29,29,14,16,20,24]
plt.fill(x259,y259,color="black",alpha=0.2)
x260=[37,42,46]
y260=[22,25,20]
plt.fill(x260,y260,color="black",alpha=0.4)
x263=[60,67,65]
y263=[28,29,24]
plt.fill(x263,y263,color="black",alpha=0.4)
x264=[44,51,57,55,48]
y264=[8,9,9,12,11]
plt.fill(x264,y264,color="black",alpha=0.4)
x265=[65,82,73]
y265=[24,14,16]
plt.fill(x265,y265,color="black",alpha=0.1)
x267=[73,82,77,72,68,68]
y267=[16,14,0,-5,0,5]
plt.fill(x267,y267,color="black",alpha=0.6)
x270=[38,44,41,35,28,25,30,26,25,31,35,45,61,70,68,63,59,57,55,48,44,38]
y270=[6,0,3,0,2,4,9,13,17,23,20,16,13,10.5,5,7,5,9,12,11,8,6]
plt.fill(x270,y270,color="black",alpha=0.6)
x272=[70,73,69,60,48,46,37,35,45,61,70]
y272=[10.5,16,20,23,21,20,22,20,16,13,10.5]
plt.fill(x272,y272,color="black",alpha=0.6)
x289=[38,44,41]
y289=[6,4,3]
plt.fill(x289,y289,color="black",alpha=0.6)
x292=[42,60,62,65,69,78,73,65,60,57,52,47,37,37,38,58,55,52]
y292=[25,28,35,40,59,60,80,76,69,73,74,74,69,66,62,58,52,43]
plt.fill(x292,y292,color="black",alpha=0.4)
x304=[64,33,32]
y304=[-76,-98,-103]
plt.fill(x304,y304,color="black",alpha=0.7)
x307=[42,50,66,75,78,80,75,70,64]
y307=[-94,-74,-44,-37,-34,-37,-48,-64,-76]
plt.fill(x307,y307,color="black",alpha=0.6)
```

```
x320=[13,17,27,25,37,27,33,23]
y320=[-73,-78,-76,-83,-76,-76,-68,-72]
plt.fill(x320,y320,color="black",alpha=0.6)
x322=[37,41,33]
y322=[-76,-60,-68]
plt.fill(x322,y322,color="black",alpha=0.6)
x324=[27,33,37]
y324=[-76,-68,-76]
plt.fill(x324,y324,color="black",alpha=0.6)
x332=[13,2,6,17,25,32,32,24,33,42,50,66,75,78,67,49,41,37,25,27,17]
y332=[-73,-72,-76,-78,-83,-86,-92,-97,-98,-94,-74,-44,-37,-34,-31,-43,-60,-76,-83,-76,-78]
plt.fill(x332,y332,color="black",alpha=0.4)
x339=[6,7,17,22,22,17,17]
y339=[-61,-55,-61.8,-62,-59,-59,-61.8]
plt.fill(x339,y339,color="black",alpha=0.4)
x346=[-11,-7,0,5,10,6,-2]
y346=[-57,-64,-66,-66,-64,-61,-61]
plt.fill(x346,y346,color="black",alpha=0.4)
x353=[-7,-7,2,13,23,33,30,26,22,17,6,10,5,0,-7]
y353=[-64,-68,-72,-73,-72,-68,-63,-62,-62,-61.8,-61,-64,-66,-66,-64]
plt.fill(x353,y353,color="black",alpha=0.6)
x355=[-7,-7,2]
y355=[-64,-68,-72]
plt.fill(x355,y355,color="black",alpha=0.1)
x356=[23,18,26,26,30,33]
y356=[-72,-68,-66,-62,-63,-68]
plt.fill(x356,y356,color="black",alpha=0.1)
x375=[33,41,32,25,22,22,26,30]
y375=[-68,-60,-59,-56,-59,-62,-62,-63]
plt.fill(x375,y375,color="black")
x393=[-11,-2,6,7,17,17,22,25,32,41,33,27,18,10,4,0,-5,-8]
y393=[-57,-61,-61,-55,-61.8,-59,-59,-56,-59,-60,-52,-49,-50,-48,-50,-52,-54,-56]
plt.fill(x393,y393,color="black")
x397=[18,7,17]
y397=[-55.5,-52,-59]
plt.fill(x397,y397,color="black",alpha=0.1)
x398=[18,33,25]
y398=[-55.5,-52,-56]
plt.fill(x398,y398,color="black",alpha=0.4)
x400=[-1,6,6,-2]
y400=[-58,-60,-61,-61]
plt.fill(x400,y400,color="black",alpha=0.4)
x403=[-1,7,6]
y403=[-58,-55,-60]
plt.fill(x403,y403,color="black",alpha=0.1)
x404=[22,22,26]
y404=[-59,-62,-62]
plt.fill(x404,y404,color="black",alpha=0.3)
x417=[-2,6,10]
y417=[-61,-61,-64]
plt.fill(x417,y417,color="black",alpha=0.4)
x418=[66,75,70]
y418=[-44,-48,-64]
plt.fill(x418,y418,color="black",alpha=0.1)
```

```
x419=[75,75,78,80]
y419=[-48,-37,-34,-37]
plt.fill(x419,y419,color="black",alpha=0.4)
x443=[1.2,7,12,10,14,8,6,2,3,6]
y443=[-37,-37,-35,-34,-32,-32,-28,-33,-34,-28]
plt.fill(x443,y443,color="black",alpha=0.4)
x444=[10,7,4]
y444=[-34,-37,-34]
plt.fill(x444,y444,color="black",alpha=0.6)
x446=[4,8,10]
y446=[-34,-32,-34]
plt.fill(x446,y446,color="black")
x450=[12,14,16]
y450=[-35,-37,-34]
plt.fill(x450,y450,color="black",alpha=0.4)
x451=[12,14,10]
y451=[-35,-32,-34]
plt.fill(x451,y451,color="black",alpha=0.4)

hanyu1_x=[21,24,3,28]
hanyu1_y=[-35,-32,-34,-34]
hanyu2_x=[21,24,20.5]
hanyu2_y=[-35,-32,-30.5]
hanyu3_x=[21,25,28]
hanyu3_y=[-35,-44,-34]
hanyu4_x=[21,19,21]
hanyu4_y=[-35,-39,-44]
hanyu5_x=[20.5,26,31,24]
hanyu5_y=[-30.5,-23,-26,-32]
hanyu6_x=[28,32,30,25]
hanyu6_y=[-34,-36,-42,-44]
hanyu7_x=
[48,39,37,43,48,41,33,27,18,15,11,7,12,14,16,18,20.5,21,19,21,21,25,30,32,28,24,31,26,20.5,21,22,20,25,26,30,25,28,35,30,39,44,4

hanyu7_y=
[-12,-14,-28,-42,-45,-60,-52,-49,-50,-41,-38,-37,-35,-37,-34,-32,-30.5,-35,-39,-44,-35,-44,-42,-36,-34,-32,-26,-23,-30.5,-18,2,17,17,13,

hanyu10_x=[48,51,49]
hanyu10_y=[-45,-45,-43]
hanyu12_x=[85,78,80]
hanyu12_y=[-1,-34,-37]
hanyu13_x=[80,85,90]
hanyu13_y=[-37,-27,-29]
hanyu14_x=[77,79,83,87,91,94,94,88,85,82.2,80,85,90,80]
hanyu14_y=[-45,-47,-47,-42,-33,-29,-18,-12,-1,-22,-37,-27,-29,-37]
hanyu15_x=[80,85,82.2,88,85,82.2,85,90,94,88,82.2]
hanyu15_y=[-37,-27,-22,-12,-1,-22,-27,-29,-18,-12,-22]
hanyu33_x=[101.5,94,118.5,113]
hanyu33_y=[16.5,-18,10.5,20]
hanyu35_x=[105.5,113,101.5]
hanyu35_y=[33.5,20,16.5]
hanyu36_x=[101.5,89,88,94]
hanyu36_y=[16.5,19,17,-18]
hanyu37_x=[105.5,89,101.5]
```

```
hanyu37_y=[33.5,19,16.5]
hanyu38_x=[74,89,88,94]
hanyu38_y=[29,19,17,-18]
hanyu39_x=[85,84,83,82,81,85]
hanyu39_y=[-1,12,16,14,8,-1]
hanyu41_x=[32,-14,-10]
hanyu41_y=[-76,-98,-97]
hanyu60_x=[64,52.6,52,33,33,37,49,57,62,58,64]
hanyu60_y=[-76,-85.6,-113,-125,-141,-149,-149,-141,-133,-120,-76]
hanyu61_x=[32,24,14,24,33,32]
hanyu61_y=[-103,-106,-110,-97,-98,-103]
hanyu63_x=[-30,-35,-33,-25,-22,-32,-30]
hanyu63_y=[-103,-106,-117,-123,-112,-106,-103]
hanyu64_x=[-35,-30,-32,-22,-32,-30,-37,-35]
hanyu64_y=[-106,-103,-106,-112,-76,-103,-85,-106]
hanyu65_x=[-25,-18,-13,-24,-25]
hanyu65_y=[-123,-130,-140,-130,-123]
hanyu66_x=[-13,16,-18,-8,16,37,33,24,14,-14,-8,-22,-25,-18,-13]
hanyu66_y=[-140,-139,-130,-123,-139,-149,-141,-120,-110,-98,-114,-112,-123,-130,-140]
hanyu67_x=[32,24,32,33,42,32]
hanyu67_y=[-92,-97,-103,-98,-94,-92]
hanyu68_x=[24,33,22.5,8,-14,-5.2,5,33]
hanyu68_y=[-97,-98,-99,-100,-98,-101.8,-104,-98]
hanyu69_x=[25,32,24]
hanyu69_y=[-111,-103,-106]
hanyu70_x=[14,24,25,32,52.6,52,33,33,24,14,22.5,5,-5.2]
hanyu70_y=[-110,-106,-111,-103,-85.6,-113,-125,-141,-120,-110,-99,-104,-101.8]
hanyu71_x=[37,42,49]
hanyu71_y=[-149,-153,-149]
plt.fill(hanyu1_x,hanyu1_y,color="black")
plt.fill(hanyu2_x,hanyu2_y,color="black",alpha=0.7)
plt.fill(hanyu3_x,hanyu3_y,color="black",alpha=0.6)
plt.fill(hanyu4_x,hanyu4_y,color="black",alpha=0.6)
plt.fill(hanyu5_x,hanyu5_y,color="black",alpha=0.6)
plt.fill(hanyu6_x,hanyu6_y,color="black",alpha=0.6)
plt.fill(hanyu7_x,hanyu7_y,color="black",alpha=0.4)
plt.fill(hanyu10_x,hanyu10_y,color="black")
plt.fill(hanyu12_x,hanyu12_y,color="black",alpha=0.7)
plt.fill(hanyu13_x,hanyu13_y,color="black",alpha=0.8)
plt.fill(hanyu14_x,hanyu14_y,color="black",alpha=0.4)
plt.fill(hanyu33_x,hanyu33_y,color="black",alpha=0.7)
plt.fill(hanyu35_x,hanyu35_y,color="black")
plt.fill(hanyu36_x,hanyu36_y,color="black")
plt.fill(hanyu37_x,hanyu37_y,color="black",alpha=0.7)
plt.fill(hanyu38_x,hanyu38_y,color="black",alpha=0.6)
plt.fill(hanyu39_x,hanyu39_y,color="black",alpha=0.7)
plt.fill(hanyu41_x,hanyu41_y,color="black",alpha=0.6)
plt.fill(hanyu60_x,hanyu60_y,color="black",alpha=0.7)
plt.fill(hanyu61_x,hanyu61_y,color="black",alpha=0.7)
plt.fill(hanyu63_x,hanyu63_y,color="black",alpha=0.6)
plt.fill(hanyu64_x,hanyu64_y,color="black",alpha=0.4)
plt.fill(hanyu65_x,hanyu65_y,color="black",alpha=0.6)
plt.fill(hanyu66_x,hanyu66_y,color="black",alpha=0.4)
plt.fill(hanyu67_x,hanyu67_y,color="black",alpha=0.6)
```

```
plt.fill(hanyu68_x,hanyu68_y,color="black",alpha=0.7)
plt.fill(hanyu69_x,hanyu69_y,color="black",alpha=0.7)
plt.fill(hanyu70_x,hanyu70_y,color="black",alpha=0.7)
plt.fill(hanyu71_x,hanyu71_y,color="black",alpha=0.7)
x687=[52.6,58,64]
y687=[-85.6,-120,-76]
plt.fill(x687,y687,color="black",alpha=0.4)
x688=[52,49,57]
y688=[-113,-149,-141]
plt.fill(x688,y688,color="black",alpha=0.7)
x689=[80,82,77,75,80]
y689=[-37,-38,-45,-48,-37]
plt.fill(x689,y689,color="black")
x693=[82,84,87]
y693=[-38,-40,-42]
plt.fill(x693,y693,color="black",alpha=0.6)
x713=[15,19,21]
y713=[-41,-39,-44]
plt.fill(x713,y713,color="black",alpha=0.4)
x714=[18,21,25,27]
y714=[-50,-44,-44,-49]
plt.fill(x714,y714,color="black",alpha=0.4)
x737=[-40,-28,-21,3,2,-18,-25]
y737=[20,34,33,25,19,25,28]
plt.fill(x737,y737,color="black",alpha=0.3)
x747=[-21,-12,3,-10.5]
y747=[29.5,23,25,29]
plt.fill(x747,y747,color="black",alpha=0.4)
x748=[-4.6,-4.6,-11.5]
y748=[21,24,23.05]
plt.fill(x748,y748,color="black",alpha=0.4)
x767=[-8,-8,-11,-18,-20,-25,-22,-18,-13,-13,-11,-13,-18,-12,-8]
y767=[9,5,2,2,5,9,10,11,9,7,9,9,11,10,9]
plt.fill(x767,y767,color="black",alpha=0.8)
x784=[-25,-28,-31.4,-31,-30,-28,-22,-24,-23]
y784=[9,5,4.3,4,4,3,3,4,7.4]
plt.fill(x784,y784,color="black")
x789=[-37,-31,-30,-28,-25]
y789=[9,4,4,5,9]
plt.fill(x789,y789,color="black",alpha=0.6)
x809=[-25,-20,-18,-11,-12,-4,2,-8,-12,-18,-22]
y809=[9,13,11,14,10,12,6,9,10,11,10]
plt.fill(x809,y809,color="black",alpha=0.4)
x811=[-10,-5,-4,2,5,1,-5,-12]
y811=[17,18,12,6,9,12,18,23]
plt.fill(x811,y811,color="black",alpha=0.6)
x812=[-30,-25,-20,-18,-11,-20,-30]
y812=[13,9,13,11,14,13,13]
plt.fill(x812,y812,color="black",alpha=0.6)
x813=[-8,2,-7,-5]
y813=[9,6,2,5]
plt.fill(x813,y813,color="black",alpha=0.8)
x816=[-37,-30,-25]
```

```
y816=[9,13,9]
plt.fill(x816,y816,color="black",alpha=0.4)
x818=[-30,-25.9,-20,-15,-10,-15,-20,-30]
y818=[13,17.5,19,19,17,17,16,13]
plt.fill(x818,y818,color="black",alpha=0.8)
x821=[-37,-36,-26,-20,-12,-3,2,-7,-5,-8,-8,-11,-18,-22,-28,-30,-31,-37]
y821=[9,5,-1,-2,-2,2,6,2,5,9,5,2,2,3,3,4,4,9]
plt.fill(x821,y821,color="black",alpha=0.6)
x822=[-25,-25.9,-30,-37,-40,-31.4]
y822=[28,17.5,13,9,20,24.6]
plt.fill(x822,y822,color="black",alpha=0.4)
x823=[5,2,-12,-5,1]
y823=[9,19,23,18,12]
plt.fill(x823,y823,color="black",alpha=0.6)
x824=[-15,-12,-10,-5,-4,1,5,-4,-11,-15,-10,-15]
y824=[19,23,17,18,12,12,9,12,14,17,17,19]
plt.fill(x824,y824,color="black",alpha=0.8)
x896=[62,56,47]
y896=[76,91,74]
plt.fill(x896,y896,color="black",alpha=0.4)
x897=[56,60,67]
y897=[91,106,105]
plt.fill(x897,y897,color="black",alpha=0.7)
x899=[47,40,10,36]
y899=[74,84,67,74]
plt.fill(x899,y899,color="black",alpha=0.6)
x901=[27,18,25,35]
y901=[127,122,122,122]
plt.fill(x901,y901,color="black",alpha=0.4)
x903=[35,37,40,21]
y903=[122,104,114,119]
plt.fill(x903,y903,color="black",alpha=0.3)
x905=[28,35,31]
y905=[109,122,95]
plt.fill(x905,y905,color="black",alpha=0.3)
x906=[-5,13,0]
y906=[67,82,83]
plt.fill(x906,y906,color="black",alpha=0.4)
x907=[7,2,25,36,10]
y907=[87,83,81,74,67]
plt.fill(x907,y907,color="black",alpha=0.4)
x908=[31,25,28,26,20,15,22,25]
y908=[95,105,109,112,113,107,107,105]
plt.fill(x908,y908,color="black",alpha=0.4)
x909 = [7, 2, 25, 36, 10]
y909 = [87, 83, 81, 74, 67]
x910 = [25, 28, 26, 20, 15, 22, 25]
y910 = [105, 109, 112, 113, 107, 107, 105]
x922 = [98, 110, 100, 83, 73, 75, 75, 78]
y922 = [54, 65, 70, 77, 80, 73, 65, 60]
x924 = [105.5, 112, 89, 90]
y924 = [33.5, 48, 47, 30]
x926 = [107, 97, 83]
y926 = [90, 108, 77]
```

x928 = [97, 67, 85]
y928 = [108, 105, 115]
x930 = [7, 15, 20, 20, 18, 27, 81, 85, 97, 107, 112, 110, 112, 105.5, 89, 74, 67, 62, 65, 66, 67, 68, 69, 78, 98, 110, 100, 83, 73, 65, 62, 56, 67, 97, 83, 107, 97, 85, 67, 60, 56, 47, 40, 25, 22, 13, 7]
y930 = [87, 107, 113, 118, 122, 127, 130, 115, 108, 90, 80, 65, 48, 33.5, 19, 29, 29, 35, 40, 44, 48, 53, 59, 60, 54, 65, 70, 77, 80, 76, 76, 91, 105, 108, 77, 90, 108, 115, 105, 106, 91, 74, 84, 81, 83, 82, 87]
x931 = [40, 31, 28, 22, 19, 28, 31, 25, 19, 15, 19, 7, 19, 13, 22]
y931 = [84, 95, 89, 83, 90, 89, 95, 105, 90, 107, 90, 87, 90, 82, 83]
x932 = [112, 107, 97, 67, 35, 27, 60, 67, 81, 85]
y932 = [80, 90, 108, 105, 122, 127, 106, 105, 130, 115]
x933 = [110, 100, 112]
y933 = [65, 70, 80]
x966 = [-37.5, -50, -38]
y966 = [-75, -79, -66]
x967 = [-45, -44, -49]
y967 = [-41, -44, -49]
x968 = [-57, -51, -63]
y968 = [-54, -54, -62]
x969 = [-63, -60, -71]
y969 = [-62, -67, -62]
x970 = [-37.5, -50, -48, -41, -39]
y970 = [-75, -79, -68, -58, -63]
x972 = [-48, -56, -65, -60, -41]
y972 = [-68, -68, -72, -67, -58]
x973 = [-60, -71, -78, -71, -63, -57, -49, -44, -51, -55]
y973 = [-67, -66, -57, -62, -62, -54, -49, -47, -54, -60]
x975 = [-41, -44, -51, -55, -60]
y975 = [-58, -47, -54, -60, -67]
x1003 = [-45, -44, -49]
y1003 = [-41, -47, -49]
x1007 = [-46, -51, -52]
y1007 = [-36, -43, -32]
x1010 = [-52, -51, -59]
y1010 = [-32, -43, -38]
x1012 = [-51, -60, -66]
y1012 = [5, 12, 8]
x1014 = [-79, -50, -64]
y1014 = [15, 27, 33]
x1016 = [-90, -83, -74]
y1016 = [-10, -18, -10]
x1018 = [-60, -51, -50]
y1018 = [-3, 5, 10]
x1021 = [-65, -60, -53]
y1021 = [-10, -3, -18]
x1023 = [-45, -55, -69, -66, -55, -66, -51]
y1023 = [-41, -47, -46, -43, -47, -43, -43]
x1025 = [-66, -67, -75, -78, -81, -86, -90, -91, -87, -86, -90, -83, -76, -71, -65, -50, -53, -47, -46, -59]
y1025 = [-43, -29, -42, -47, -46, -42, -40, -34, -30, -24, -10, -18, -15, -10, -10, -10, -18, -28, -36, -38]
x1043 = [-86, -67, -52, -47, -53, -67, -76, -65]
y1043 = [-24, -29, -32, -28, -18, -29, -15, -10]
x1073 = [-5, -13, -9, 2]
y1073 = [111, 117, 124, 124]
x1074 = [-65, -64, -80, -76]
y1074 = [122, 129, 133, 128]

```
x1075 = [-98, -93, -110]
y1075 = [117, 132, 128]
x1078 = [6, 4, -7]
y1078 = [98, 104, 99]
x1079 = [-5, -7, 6]
y1079 = [95, 99, 98]
x1082 = [-33, -26, -42]
y1082 = [78, 84, 97]
x1084 = [-72, -100, -95]
y1084 = [39, 26, 46]
x1085 = [-28, 0, -13]
y1085 = [65, 83, 67]
x1086 = [-53, -38, -28]
y1086 = [57, 56, 65]
x1088 = [-80, -62, -67]
y1088 = [80, 66, 86]
x1090 = [-9, -5, 2]
y1090 = [124, 111, 124]
x1104 = [-132, -121, -110, -121]
y1104 = [196, 199, 182, 183]
x1105 = [-134, -117, -108]
y1105 = [74, 83, 71]
x1106 = [-86, -67, -91]
y1106 = [94, 86, 84]
plt.fill(x909, y909, color='black', alpha=0.4)
plt.fill(x910, y910, color='black', alpha=0.6)
plt.fill(x922, y922, color='black', alpha=0.6)
plt.fill(x924, y924, color='black', alpha=0.6)
plt.fill(x926, y926, color='black', alpha=0.75)
plt.fill(x928, y928, color='black', alpha=0.6)
plt.fill(x930, y930, color='black', alpha=0.4)
plt.fill(x932, y932, color='black', alpha=0.6)
plt.fill(x933, y933, color='black', alpha=0.7)
plt.fill(x966, y966, color='black', alpha=0.4)
plt.fill(x967, y967, color='black', alpha=0.1)
plt.fill(x968, y968, color='black', alpha=0.6)
plt.fill(x969, y969, color='black', alpha=0.4)
plt.fill(x970, y970, color='black', alpha=0.5)
plt.fill(x972, y972, color='black', alpha=0.4)
plt.fill(x973, y973, color='black', alpha=0.6)
plt.fill(x975, y975, color='black', alpha=0.4)
plt.fill(x1003, y1003, color='black', alpha=1)
plt.fill(x1007, y1007, color='black', alpha=0.9)
plt.fill(x1010, y1010, color='black', alpha=0.6)
plt.fill(x1012, y1012, color='black', alpha=0.6)
plt.fill(x1014, y1014, color='black', alpha=0.7)
plt.fill(x1016, y1016, color='black', alpha=0.6)
plt.fill(x1018, y1018, color='black', alpha=0.9)
plt.fill(x1021, y1021, color='black', alpha=0.6)
plt.fill(x1023, y1023, color='black', alpha=0.8)
plt.fill(x1025, y1025, color='black', alpha=0.6)
plt.fill(x1043, y1043, color='black', alpha=0.8)
plt.fill(x1073, y1073, color='black', alpha=0.6)
plt.fill(x1074, y1074, color='black', alpha=0.6)
```

```
plt.fill(x1075, y1075, color='black', alpha=0.9)
plt.fill(x1078, y1078, color='black', alpha=0.4)
plt.fill(x1079, y1079, color='black', alpha=0.75)
plt.fill(x1082, y1082, color='black', alpha=0.8)
plt.fill(x1084, y1084, color='black', alpha=0.6)
plt.fill(x1085, y1085, color='black', alpha=0.6)
plt.fill(x1086, y1086, color='black', alpha=0.7)
plt.fill(x1088, y1088, color='black', alpha=0.7)
plt.fill(x1090, y1090, color='black', alpha=0.4)
plt.fill(x1104, y1104, color='black', alpha=0.6)
plt.fill(x1105, y1105, color='black', alpha=0.7)
plt.fill(x1106, y1106, color='black', alpha=0.7)

plt.show()
```

## 4. 參考資料

Marilyn

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https://www.desmos.com/calculator/8daxvsupuj?lang=zh-TW