HW4

Shortest Path 1: 'Xbox_360' (4590) to 'Foxxy_Cleopatra' (18):
Xbox_360 -> May_25 -> Mike_Myers_(actor) -> Foxxy_Cleopatra

Shortest Path 2: 'Psychokinesis' (2809) to 'Prostitution' (2801):
Psychokinesis -> Stephen_King -> Times_Square -> Prostitution

Shortest Path 3: 'Modest_Mouse' (1946) to 'Mogadishu' (1947):
Modest_Mouse -> Wikiquote -> July_2007 -> Mogadishu

Shortest Path 4: 'Microsoft' (1877) to 'Lady_Bird_Johnson' (1233):
Microsoft -> Xbox_360 -> July_11 -> Lady_Bird_Johnson

Shortest Path 5: 'Hypocrisy' (534) to 'IPhone' (550):
Hypocrisy -> Islam -> January_9 -> IPhone

Shortest Path 6: 'Ice_Cube' (563) to
'French_law_on_secularity_and_conspicuous_religious_symbols_in_schools' (60):
Ice_Cube -> Paul_Oakenfold -> United_States -> Republic ->
French_law_on_secularity_and_conspicuous_religious_symbols_in_schools

Shortest Path 7: 'Gospel_music' (219) to 'Forest_Whitaker' (2):
Gospel_music -> Music -> George_Gershwin -> Harry_Connick,_Jr. -> Forest_Whitaker

Shortest Path 8: 'Harry_Potter' (356) to 'The_Weather_Lady' (4002):
Harry_Potter -> Steven_Spielberg -> Who_Framed_Roger_Rabbit ->
The_Adventures_of_Rocky_and_Bullwinkle -> The_Weather_Lady

Shortest Path 9: 'Taliban' (3700) to 'Menstruation' (1826):
Taliban -> January_20 -> January_2005 -> Menstruation

Shortest Path 10: 'Nintendo_DS' (2202) to 'Judaism' (967):
Nintendo_DS -> June_21 -> France -> Judaism


After populating the graph with all the vertices and their links to other vertices
corresponding to links to other wiki pages, each path was generated using
Dijkstra's algorithm. While populating the graph each vertex link was mapped to a
wiki title. Then, for each path, corresponding to a pair of wiki pages of my
choosing, a simple StringBuilder was used to visualize each path, and the paths
were followed by taking the previous node starting at the source node. As each
vertex was visited in visualizing the path, the mapping of the links to their
corresponding wiki title was used to print the path as shown above.