Python basic assignment 16:

Q1) years\_list = [1995,1996,1997,1998,1999,2000]

Q2) 1998

Q3) 2000

Q4) things = [‘mozzarella’, ‘cinderella’, ‘salmonella’]

Q5) things[1] = things[1].upper()

Q6) surprise = [‘Groucho’, ‘Chico’, ‘Harpo’]

Q7) surprise[2] = surprise[2].lower()

surprise[2] = surprise[2][::-1]

surprise[2] = surprise[2].upper()

Q8) e2f = { 'dog':'chien', 'cat':'chat', 'walrus':'morse' }}

Q9) print(e2f['walrus']). This gives morse.

Q10) f2e = {v: k for k, v in e2f.items()}

Q11) print(f2e[‘chien’]). This gives dog.

Q12) e2f["water"] = “leau"

print(e2f.keys())

This gives dict\_keys(['dog', 'cat', 'walrus', ‘water’]).

Q13) life = { "animals" : { 'cats': ['Henri', 'Grumpy', 'Lucy'], 'octopi' : [], 'emus' : []}, "plants" : {}, "other" : {} }

Q14) print(life.keys()). This gives dict\_keys(['animals', 'plants', ‘other’]).

Q15) print(life[‘animals’].keys()). This gives dict\_keys(['cats', 'octopi', ‘emus’]).

Q16) print(life[‘animals’]['cats']). This gives ['Henri', 'Grumpy', ‘Lucy'].