|  |  |  |
| --- | --- | --- |
| Permutations  Word\_so\_far = ‘2’  Chars\_left = ‘13’  ip = 1 | | |
| permutations  word\_so\_far = ''  chars\_left = '123'  c='2', ip=6 | |
| Main, ip=8 | |

1

|  |
| --- |
| Permutations  Word\_so\_far = ‘321’  Chars\_left = ‘’  ip = 3 |

a)

b)

|  |
| --- |
| Permutations  Word\_so\_far = ‘231’  Chars\_left = ‘’  ip = 3 |

c)

d)5

e) 17

f)13

g) 108505113

2)

|  |  |  |
| --- | --- | --- |
| Print\_binary  String\_so\_far=’000’  Digits\_left = 0  ip=3 | | |
| Print\_binary  String\_so\_far=’00’  Digits\_left = 1  ip=5 | | |
| Print\_binary  String\_so\_far=’0’  Digits\_left = 2  ip=5 | | |
| Print\_binary  String\_so\_far=’’  Digits\_left = 3  ip=5 | |
| Main, ip=8 | |

a)

|  |
| --- |
| Print\_binary  String\_so\_far=’111’  Digits\_left = 0  ip=3 |

b)

c)

|  |
| --- |
| Print\_binary  String\_so\_far=’001’  Digits\_left = 0  ip=3 |

d) 5

e)16

f)66

g)(2^65)