

参考答案

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|-------|-------|-------|-------|-------|
| 1. C | 2. A | 3. A | 4. B | 5. D |
| 6. C | 7. B | 8. C | 9. B | 10. C |
| 11. B | 12. C | 13. C | 14. B | 15. C |
| 16. D | 17. A | 18. A | 19. A | 20. C |
| 21. B | 22. D | 23. A | 24. A | 25. D |
| 26. × | 27. × | 28. ✓ | 29. ✓ | 30. × |
| 31. × | 32. × | 33. × | 34. ✓ | 35. × |

36. 参考程序

```
start = int(input("请输入开始:"))
end = int(input("请输入结束:"))
for i in range(start, end+1):
    flag = 0
    if i < 2:
        continue
    for j in range(2, int(i**0.5)+1):
        if not i%j:
            flag = 1
            break
    if flag:
        continue
    else:
        print("{}是质数".format(i))
```

37. 参考程序

```
data = {"020": "广州", "021": "上海", "022": "上海",
        "023": "重庆", "024": "沈阳", "025": "南京"}
while True:
    code = input("请输入区号:")
    if code in data.keys():
        print(data[code])
    else:
        print("该区号不存在,请重新输入!")
```