SPECIAL QUIZ QUESTIONS FOR LOOPS

1. **What is the output?**

```
for (int i = 1; i <= 5; i++) {
    System.out.print(i + " ");
}
```

2. **What is the output?**

```
for (int i = 1; i <= 10; i++) {
    if (i % 2 == 0) continue;
    System.out.print(i + " ");
}
```

3. **What is the output?**

```
for (int i = 10; i > 0; i -= 3) {
    System.out.print(i + " ");
}
```

4. **What is the output?**

```
for (int i = 1; i <= 10; i++) {
    if (i == 7) break;
    System.out.print(i + " ");
}
```

5. **What is the output?**

```
for (int i = 1; i <= 3; i++) {
    for (int j = 1; j <= 3; j++) {
        if (j == 2) continue;
        System.out.print(i + "" + j + " ");
    }
}
```

6. **What is the output?**

```
int x = 1;
while (x <= 5) {
    System.out.print(x + " ");
    x++;
}
```

7. **What is the output?**

```
int x = 10;
```

```
while (x >= 1) {
    System.out.print(x + " ");
    x -= 2;
}
```

8. **What is the output?**

```
int x = 1;
while (x <= 10) {
    if (x == 6) break;
    System.out.print(x + " ");
    x++;
}
```

9. **What is the output?**

```
int x = 1;
while (x <= 10) {
    if (x % 2 != 0) {
        x++;
        continue;
    }
    System.out.print(x + " ");
    x++;
}
```

10. **What is the output?**

```
int x = 1, y = 0;
while (x <= 5) {
    y += x;
    x++;
}
System.out.println(y);
```

11. **What is the output?**

```
int x = 1;
do {
    System.out.print(x + " ");
    x++;
} while (x <= 5);
```

12. **What is the output?**

```
int x = 5;
do {
    System.out.print(x + " ");
    x--;
} while (x > 0);
```

13. **What is the output?**

```
int x = 1;
do {
    if (x == 4) break;
    System.out.print(x + " ");
    x++;
} while (x <= 5);
```

14. **What is the output?**

```
int x = 1;
do {
    if (x % 2 == 0) {
        x++;
        continue;
    }
    System.out.print(x + " ");
    x++;
} while (x <= 10);
```

15. **What is the output?**

```
int x = 1, sum = 0;
do {
    sum += x;
    x++;
} while (x <= 3);
System.out.println(sum);
```

16. **What is the output?**

```
for (int i = 1; i <= 10; i++) {
    if (i % 3 == 0) break;
    System.out.print(i + " ");
}
```

17. **What is the output?**

```
for (int i = 1; i <= 10; i++) {
    if (i % 3 == 0) continue;
    System.out.print(i + " ");
}
```

18. **What is the output?**

```
int x = 1;
while (x <= 10) {
    if (x == 5) break;
    System.out.print(x + " ");
    x++;
}
```

19. **What is the output?**

```
int x = 1;
do {
    if (x == 4) break;
    System.out.print(x + " ");
    x++;
} while (x <= 5);
```

20. **What is the output?**

```
for (int i = 1; i <= 3; i++) {
    for (int j = 1; j <= 3; j++) {
        if (i == j) break;
        System.out.print(i + "" + j + " ");
    }
}
```

21. **What is the output?**

```
for (int i = 1; i <= 5; i++) {
    for (int j = i; j <= 5; j++) {
        System.out.print(i * j + " ");
    }
    System.out.println();
}
```

22. **What is the output?**

```
for (int i = 1; i <= 5; i++) {
    if (i % 2 == 0) continue;
    for (int j = 1; j <= i; j++) {
        if (j == 3) break;
        System.out.print(j + " ");
    }
    System.out.println();
}
```

23. **What is the output?**

```
for (int i = 1; i <= 3; i++) {
    for (int j = 3; j >= i; j--) {
        System.out.print(i + j + " ");
    }
    System.out.println();
}
```

24. **What is the output?**

```
int sum = 0;
for (int i = 1; i <= 10; i++) {
    if (i % 3 == 0 || i % 5 == 0) continue;
    sum += i;
}
```

```
        System.out.println(sum);
```

25. What is the output?

```
for (int i = 1; i <= 5; i++) {
    for (int j = 1; j <= 5; j++) {
        if (i + j > 5) break;
        System.out.print(i * j + " ");
    }
}
```

26. What is the output?

```
int x = 10;
int sum = 0;
while (x > 0) {
    if (x % 2 == 0) {
        x--;
        continue;
    }
    sum += x;
    x--;
}
System.out.println(sum);
```

27. What is the output?

```
int i = 1, count = 0;
while (i <= 10) {
    int j = 1;
    while (j <= 5) {
        if (i + j > 10) break;
        count++;
        j++;
    }
    i++;
}
System.out.println(count);
```

28. What is the output?

```
int x = 5, y = 3;
while (x > 0) {
    System.out.print(x * y + " ");
    y++;
    if (y > 5) {
        y = 3;
        x--;
    }
}
```

29. What is the output?

```
int x = 1, y = 10;
while (x < y) {
    System.out.print(x + " ");
    x += 2;
    y -= 2;
}
```

30. **What is the output?**

```
int i = 1;
while (i <= 10) {
    if (i % 3 == 0) break;
    System.out.print(i + " ");
    i++;
}
```

31. **What is the output?**

```
int x = 1;
do {
    int y = x * x;
    System.out.print(y + " ");
    if (y > 20) break;
    x++;
} while (x <= 10);
```

32. **What is the output?**

```
int x = 1;
do {
    if (x % 2 == 0) continue;
    System.out.print(x + " ");
} while (++x <= 5);
```

33. **What is the output?**

```
int i = 1, sum = 0;
do {
    sum += i;
    i++;
    if (sum > 10) break;
} while (i <= 5);
System.out.println(sum);
```

34. **What is the output?**

```
int x = 5;
do {
    System.out.print(x + " ");
    x--;
} while (x > 0);
```

35. What is the output?

```
int i = 1;
do {
    System.out.print(i * 2 + " ");
    if (i == 4) break;
    i++;
} while (i <= 10);
```

36. What is the output?

```
for (int i = 1; i <= 5; i++) {
    int sum = 0;
    for (int j = 1; j <= i; j++) {
        if (j % 2 == 0) continue;
        sum += j;
    }
    System.out.print(sum + " ");
}
```

37. What is the output?

```
for (int i = 1; i <= 3; i++) {
    for (int j = 3; j >= 1; j--) {
        if (i == j) continue;
        System.out.print(i + "" + j + " ");
    }
    System.out.println();
}
```

38. What is the output?

```
int x = 1;
while (x <= 5) {
    for (int y = 1; y <= x; y++) {
        if (y % 2 == 0) break;
        System.out.print(y + " ");
    }
    System.out.println();
    x++;
}
```

39. What is the output?

```
int x = 1, y = 1;
do {
    while (y <= x) {
        System.out.print(y + " ");
        y++;
    }
    x++;
    y = 1;
```

```
        System.out.println();
    } while (x <= 3);
```

40. What is the output?

```
for (int i = 1; i <= 4; i++) {
    for (int j = 1; j <= 4; j++) {
        if (i + j == 5) break;
        System.out.print(i + "" + j + " ");
    }
    System.out.println();
}
```