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PRODI : S1 ILMU KOMPUTER
MATA KULIAH : ALGORITMA DAN PEMROGRAMAN (TUGAS KE-8)

PERMASALAHAN KE-1

Kode Program :

```
#include <stdio>

int kolom;

int main()
{
    printf ("PERMASALAHAN KE-1\n\n");
    printf ("Masukkanlah jumlah kolom yang akan dibuat: ");
    scanf ("%i", &kolom);

    for (int y=kolom; y>=1; y--)
    {
        for (int x=1; x<=y; x++)
        {
            printf("%i ", x);
        }
        printf("\n");
    }
    return 0;
}
```

PERMASALAHAN KE-2

Kode Program :

```
#include <stdio>
```

```
int kolom;
```

```
int main()
```

```
{
```

```
    printf ("PERMASALAHAN KE-2\n\n");
```

```
    printf ("Masukkanlah jumlah kolom yang akan dibuat: ");
```

```
    scanf ("%i", &kolom);
```

```
    for (int y=kolom; y>=1; y--)
```

```
    {
```

```
        for (int x=kolom; x>=y; x--)
```

```
        {
```

```
            printf("%i ", x);
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    return 0;
```

```
}
```

PERMASALAHAN KE-3

Kode Program :

```
#include <stdio>
```

```
int kolom;
```

```
int main()
```

```
{
```

```
    printf ("PERMASALAHAN KE-3\n\n");
```

```
    printf ("Masukkanlah jumlah kolom yang akan dibuat: ");
```

```
    scanf ("%i", &kolom);
```

```
    for (int y=kolom; y>=1; y--)
```

```
    {
```

```
        for (int x=y; x>=1; x--)
```

```
        {
```

```
            printf("%i ", x);
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    return 0;
```

```
}
```

PERMASALAHAN KE-4

Kode Program :

```
#include <stdio>
```

```
int kolom;
```

```
int main()
```

```
{
```

```
    printf ("PERMASALAHAN KE-4\n\n");
```

```
    printf ("Masukkanlah jumlah kolom yang akan dibuat: ");
```

```
    scanf ("%i", &kolom);
```

```
    for (int y=1; y<=kolom; y++)
```

```
    {
```

```
        for (int x=1; x<=y; x++)
```

```
        {
```

```
            printf("%i ", x);
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    for (int y=kolom-1; y>=1; y--)
```

```
    {
```

```
        for (int x=1; x<=y; x++)
```

```
        {
```

```
            printf("%i ", x);
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    return 0;
```

```
}
```

PERMASALAHAN KE-5

Kode Program :

```
#include <stdio>
```

```
int kolom;
```

```
int main()
```

```
{
```

```
    printf ("PERMASALAHAN KE-5\n\n");
```

```
    printf ("Masukkanlah jumlah kolom yang akan dibuat: ");
```

```
    scanf ("%i", &kolom);
```

```
    for (int y=kolom; y>=kolom; y--)
```

```
    {
```

```
        for (int x=1; x<=y; x++)
```

```
        {
```

```
            printf("%i ", x);
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    for (int y=kolom-1; y>=1; y--)
```

```
    {
```

```
        for (int x=1; x<=y; x++)
```

```
        {
```

```
            printf("%i ", x);
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    for (int y=1; y<=kolom; y++)
```

```
    {
```

```
        for (int x=1; x<=y; x++)
```

```
        {
```

```
            printf("%i ", x);
```

```
        }
```

```
        printf("\n");
```

```
    }
```

```
    printf("\n");
```

```
    return 0;
```

```
}
```