LAB-1

14. PROGRAM TO CHECK WHETHER A GIVEN CHARACTER IS CAPITAL, LETTER, SMALL CASE LETTER, A DIGIT OR A SPECIAL SYMBOL.

```c
#include<stdio.h>
int main()
{ char a;
   printf("enter a characer=");
   scanf("%c",&a);
   if (a>='A' && a<= 'Z')
   {
      printf("%c is a capital letter");
   }
   else if (a>='a' && a<='z')
   {
      printf("%c is a small letter");
   }
   else if (a>='0' && a<='9')
   {
      printf("%c is a digit");
   }
   else
   {
      printf("%c is a special character");
   }
}
```

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int main()

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    char a;

    printf("enter a characer=");
    scanf("%c",&a);

    if (a>='A' && a<= 'Z')
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    else if (a>='0' && a<='9')
    {
        printf("%c is a digit");
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    else
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    }

}
```