**TASK4**

**24K-0727 MUHAMMAD SAAD MASOOD**

**Q2**

**#include<stdio.h>**

**int main(){**

**int units;**

**float unit\_price;**

**float bill;**

**printf("Enter the number of units consumed\n");**

**scanf("%d",&units);**

**if(units<=30){**

**bill=0.60\*units+0.15\*(units\*unit\_price);**

**printf("Rs %f",bill);**

**}**

**else if(units<=110){**

**bill=30\*0.60+((units-30)\*0.85)+0.15\*(30\*0.60+((units-30)\*0.85));**

**printf("Rs %f",bill);**

**}**

**else if(units<=210){**

**bill=30\*0.60+(80\*0.85)+((units-110)\*1.30)+0.15\*(30\*0.60+(80\*0.85)+((units-110)\*1.30));**

**printf("Rs %f",bill);**

**}**

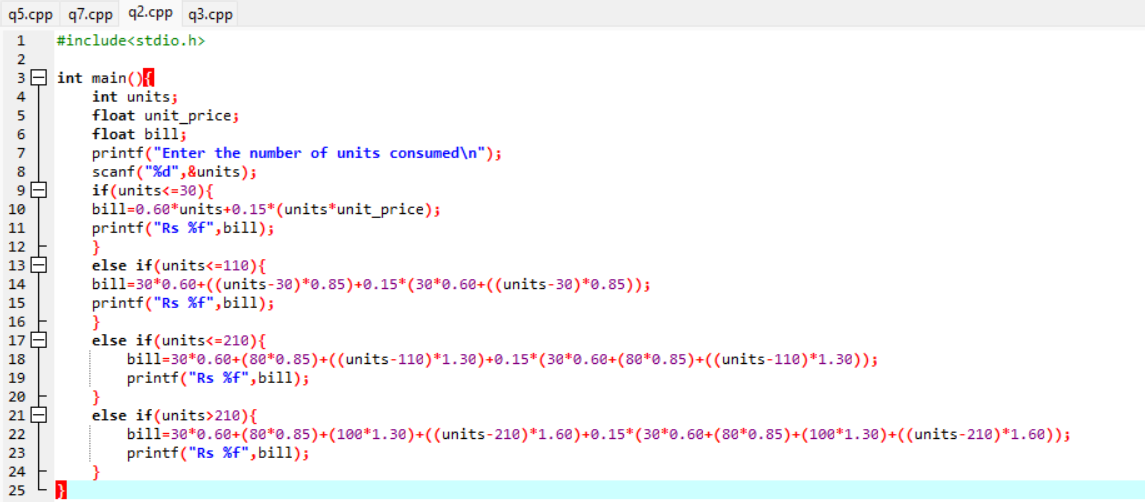
**else if(units>210){**

**bill=30\*0.60+(80\*0.85)+(100\*1.30)+((units-210)\*1.60)+0.15\*(30\*0.60+(80\*0.85)+(100\*1.30)+((units-210)\*1.60));**

**printf("Rs %f",bill);**

**}**

**}**

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**Q3**

**#include<stdio.h>**

**int main(){**

**int original\_amount;**

**float amount\_saved;**

**float final\_amount=original\_amount-amount\_saved;**

**printf("Enter original amount");**

**scanf("%d",&original\_amount);**

**if(original\_amount<1500){**

**amount\_saved=0.07\*original\_amount;**

**final\_amount=original\_amount-amount\_saved;**

**printf("%f",final\_amount);**

**}**

**else if(1500<original\_amount<3000){**

**amount\_saved=0.12\*original\_amount;**

**final\_amount=original\_amount-amount\_saved;**

**printf("%f",final\_amount);**

**}**

**else if(3000<original\_amount<5000){**

**amount\_saved=0.22\*original\_amount;**

**final\_amount=original\_amount-amount\_saved;**

**printf("%f",final\_amount);**

**}**

**else if(original\_amount>5000){**

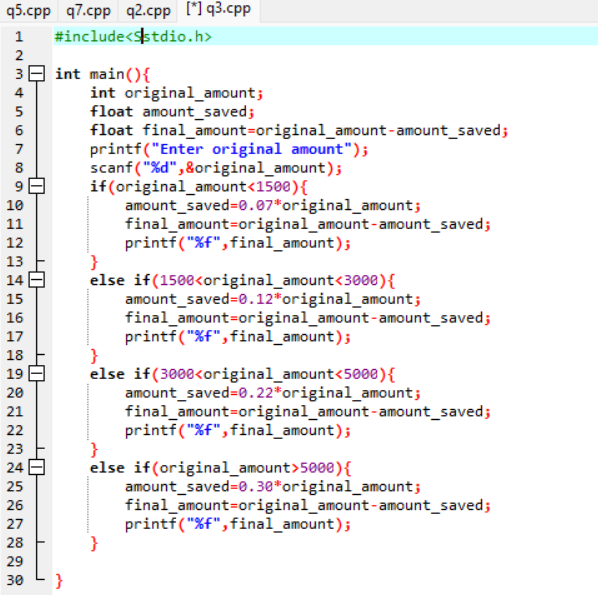
**amount\_saved=0.30\*original\_amount;**

**final\_amount=original\_amount-amount\_saved;**

**printf("%f",final\_amount);**

**}**

**}**

****

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**Q5**

**#include<stdio.h>**

**int main(){**

**int time=0;**

**printf("Enter time in 24 hour format");**

**scanf("%d",&time);**

**switch(time){**

**case 0:**

**printf("Good Night");**

**break;**

**case 1:**

**printf("Good Night");**

**break;**

**case 2:**

**printf("Good Night");**

**break;**

**case 3:**

**printf("Good Night");**

**break;**

**case 4:**

**printf("Good Night");**

**break;**

**case 5:**

**printf("Good Night");**

**break;**

**case 6:**

**printf("Good Morning");**

**break;**

**case 7:**

**printf("Good Morning");**

**break;**

**case 8:**

**printf("Good Morning");**

**break;**

**case 9:**

**printf("Good Morning");**

**break;**

**case 10:**

**printf("Good Morning");**

**break;**

**case 11:**

**printf("Good Morning");**

**break;**

**case 12:**

**printf("Good Afternoon");**

**break;**

**case 13:**

**printf("Good Afternoon");**

**break;**

**case 14:**

**printf("Good Afternoon");**

**break;**

**case 15:**

**printf("Good Afternoon");**

**break;**

**case 16:**

**printf("Good Afternoon");**

**break;**

**case 17:**

**printf("Good Afternoon");**

**break;**

**case 18:**

**printf("Good Evening");**

**break;**

**case 19:**

**printf("Good Evening");**

**break;**

**case 20:**

**printf("Good Evening");**

**break;**

**case 21:**

**printf("Good Evening");**

**break;**

**case 22:**

**printf("Good Evening");**

**break;**

**case 23:**

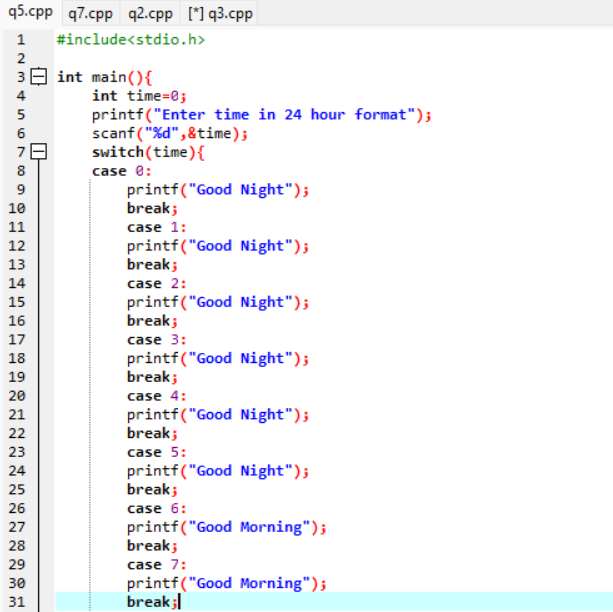
**printf("Good Evening");**

**break;**

**default:**

**printf("Error");**

**}}**

****

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**Q7**

**#include<stdio.h>**

**int main(){**

**printf(" ------------\n");**

**printf(" / \\ \n");**

**printf(" / \\ \n");**

**printf(" / /\\\_/\\ \\ \n");**

**printf(" / ( . . ) ^ \\ \n");**

**printf("| ) ( (( | \n");**

**printf(" \\ (> <)\_)) / \n");**

**printf(" \\ ----- / \n");**

**printf(" \\ K24-0727 / \n");**

**printf(" \\ / \n");**

**printf(" ------------");**

**}**

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