**gvD›U Gfv‡i÷ K‡jR, w`bvRcyi**

‡mU- K

**cÖvK-wbe©vPbx cix¶v**

welq †KvWt 275

|  |  |  |
| --- | --- | --- |
| 2 | 7 | 5 |

welq †KvWt

**welqt Z\_¨ I †hvMv‡hvM cÖhyw³**

(m„Rbkxj cÖkœcÎ)

c~Y©gvbt 50 (†h †Kvb 5wU cÖ‡kœi DËi `vI) mgqt 2 N›Uv 30 wgwbU

1| wb‡Pi DÏxcKwU co Ges cÖkœ¸‡jvi DËi `vIt

#include<stdio.h>

main ( ){

char ch;

printf(“Enter a letter: ”);

scanf(“%c”,&ch);

if(ch==‘a’) printf(“%c is a vowel”,ch);

else if(ch==‘A’) printf(“%c is a vowel”,ch);

else if(ch==‘e’) printf(“%c is a vowel”,ch);

else if(ch==‘E’) printf(“%c is a vowel”,ch);

else if(ch==‘i’) printf(“%c is a vowel”,ch);

else if(ch==‘I’) printf(“%c is a vowel”,ch);

else if(ch==‘o’) printf(“%c is a vowel”,ch);

else if(ch==‘O’) printf(“%c is a vowel”,ch);

else if(ch==‘u’) printf(“%c is a vowel”,ch);

else if(ch==‘U’) printf(“%c is a vowel”,ch);

else printf(“%c is not a vowel”,ch);

}

†cÖvMÖvg−2

#include<stdio.h>

int main( )

{

int n1,n2,big;

printf(“Enter an integer number: ”);

scanf(“%d%d”,&n1,&n2);

big=(n1>n2)?n1:n2;

printf(“The big number is %d”,big);

return 0;

}

†cÖvMÖvg−1

†cÖvMÖvg−1t `ywU c~Y©-msL¨vi g‡a¨ eo msL¨vwU †ei Kivi

†cÖvMÖvg|

†cÖvMÖvg−2t GKwU eY© ¯^ieY© wKbv Zv hvPvB Kivi †cÖvMÖvg|

(K) †cÖvMÖvg Kx? 1

(L) C †K Mid level language ejv nq †Kb? -e¨vL¨v Ki| 2

(M) 1 bs †cÖvMÖvgwU‡K if...else e¨envi K‡i wjL| 3

(N) 2 bs †cÖvMÖvgwU‡K switch ‡÷U‡g›U e¨envi K‡i wjL| 4

2| wb‡Pi DÏxcKwU co Ges cÖkœ¸‡jvi DËi `vIt

#include<stdio.h>

void main ( ){

int i , sum;

sum = 0;

scanf(“%d”,&n);

for(i = 1 ; i <= n ; i++){

sum = sum + i \* i ;

}

printf(“The sum of the series = %d”, sum);

}

(K) †d¬vPvU© Kx? 1

(L) %f Ges %d dig¨vU †¯úwkmdvqvi †Kv\_vq e¨envi Kiv nq? -e¨vL¨v Ki| 2

(M) DÏxc‡Ki wm †cÖvMÖvgwU do...while jyc e¨envi K‡i wjL| 3

(N) DÏxc‡Ki wm †cÖvMÖvgwUi cÖevn-wPÎ AsKb Ki| 4

3| wb‡æ 13+23+33+.........+n3 avivi mgwó †ei Kivi C program fzjfv‡e Dc¯nvcb Kiv n‡q‡Q|

#include<studio.h>

int Main ( ){

int i , sum = 0

scanf(“%d”,n);

for(i = 1 , i <= n , i++){

sum = sum + pow(i : 3);

}

Printf(“The sum of the series = %f,” sum);

}

(K) A¨vjMwi`g Kx? 1

(L) “wm” GKwU †Km-‡mwÝwUf (case sensitive) †cÖvMÖvwgs fvlv -e¨vL¨v Ki| 2

(M) DÏxc‡Ki avivi mgwó †ei Kivi A¨vjMwi`g (Algorithm) wjL| 3

(N) DÏxc‡Ki wm †cÖvMÖvgwU‡K cÖ‡qvRbxq cwieZ©b K‡i mwVKfv‡e Dc¯’vcb Ki| 4

4| (i) †Rvo I weRvo †ei Kivi †cÖvMÖvg

(ii) Awael© (Leap Year) †ei Kivi †cÖvMÖvg

(K) jywcs Kx? 1

(L) †nWvi dvBj †Kb e¨eüZ nq? -e¨vL¨v Ki| 2

(M) (i) bs -Gi †d¬vPvU© AsKb Ki| 3

(N) (ii) bs -Gi C-‡cÖvMÖvg wjL| 4

5| GKwU wk¶v cÖwZôv‡bi †WUv‡eR ˆZwii Rb¨ wk¶v\_x©‡`i AvBwW, bvg, wVKvbv I †gvevBj BZ¨vw` wdìmgn mshy³ Av‡Q|

(K) RDBMS Kx? 1

(L) †WUv Gbwµckb Kx? -e¨vL¨v Ki| 2

(M) DÏxc‡Ki wdì wb‡q wk¶v\_x©‡`i GKwU †WUv‡eR †Uwej ˆZwii SQL wjL| 3

(N) †WUv‡eR †Uwe‡j Rb¥ ZvwiL bvgK bZyb GKwU wdì hy³ Kivi Ges †h †Kv‡bv `yBwU †iKW© ms‡hvRb Kivi SQL wjL| 4

6| wb‡Pi †Uwej `yBwU j¶¨ Ki Ges cÖkœ¸‡jvi DËi `vIt



(K) Kz‡qix Kx? 1

(L) SQL †K †WUv‡e‡Ri nvwZqvi ejv nq †Kb? -e¨vL¨v Ki| 2

(M) Product Table -G †Kvb wdìwU‡K Primary Field wn†m†e we‡ePbv Kiv DwPZ? -eY©bv Ki| 3

(N) evস্তeZvi †cÖw¶‡Z DÏxc‡Ki †Uwej `yBwU‡Z †h ai‡bi wi‡jkb ˆZwi Kiv hvq Zv wPÎmn eY©bv Ki| 4

7| wb‡Pi †Uwej `BywU j¶¨ Ki Ges cÖkœ¸‡jvi DËi `vIt

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| SID | Name | GPA |  | Mobile | DoB |
| 1 | X | 5.00 |  | 017 | 15 Aug 2000 |
| 2 | Y | 4.95 |  | 015 | 03 Mar 2001 |
| 3 | Z | 4.89 |  | 019 | 21 Jun 1999 |

†Uwej−1 †Uwej−2

(K) †iKW© Kx? 1

(L) Sorting I Indexing GK bq -e¨vL¨v Ki| 2

(M) DÏxc‡Ki †Uwej `ywUi wdìmg~‡ni WvUv-UvBc eY©bv Ki| 3

(N) †Uwej−1 -G hv‡`i djvdj 4.90 ev Zvi †P‡q †ewk Zv‡`i ÷z‡W›U AvBwW I bvg †`Lvi SQL wjL| 4

8| wb‡Pi †Uwej `yBwU j¶¨ Ki Ges cÖkœ¸‡jvi DËi `vIt

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Roll | Name | GPA |  | Registration | Admission Date |
| 1 | Mahdi | 4.50 |  | 101 | 12 Jan 2015 |
| 2 | Sumon | 5.00 |  | 102 | 13 Feb 2014 |
| 3 | Salim | 4.89 |  | 103 | 2 Aug 2016 |

†Uwej−1 †Uwej−2

(K) †WUv‡eR Kv‡K e‡j? 1

(L) 2wU †WUv‡eR †Uwe‡ji g‡a¨ wi‡jkb ˆZwii c~e©kZ© Kx Kx? 2

(M) 1 bs †Uwe†j 3 †ivj wewkó Qv‡Îi wRwcG cwieZ©b K‡i 5.00 Kivi SQL KgvÛ wjL| 3

(N) †Uwej−1 I †Uwej−2 Gi g‡a¨ †Kvb& ai‡bi wi‡jkb ˆZwi m¤¢e Zv wPÎmn †`LvI| 4